(DO NOT OPEN	THIS QUESTION BOOKLET BEFORE TIME	OR UNTIL YOU
A	ARE ASKED TO DO SO) M.Phil./Ph.D./URS-EE-2020	
	SUBJECT : Hotel Management	10001
Time : <b>1¼ Hours</b> Roll No. (in figures)	Max. Marks : <b>100</b> 	Total Questions : 100
value	Father's Name Date of Examination	

(Signature of the Candidate)

(Signature of the Invigilator)

Total No. of Printed Pages : 13

#### CANDIDATES MUST READ THE FOLLOWING INFORMATION/INSTRUCTIONS BEFORE STARTING THE QUESTION PAPER.

#### 1. All questions are compulsory.

- The candidates *must return* the question booklet as well as OMR Answer-Sheet to the Invigilator concerned before leaving the Examination Hall, failing which a case of use of unfairmeans / mis-behaviour will be registered against him / her, in addition to lodging of an FIR with the police. Further the answer-sheet of such a candidate will not be evaluated.
- Keeping in view the transparency of the examination system, carbonless OMR Sheet is provided to the candidate so that a copy of OMR Sheet may be kept by the candidate.
- 4. Question Booklet along with answer key of all the A, B, C & D code will be got uploaded on the University website after the conduct of Entrance Examination. In case there is any discrepancy in the Question Booklet/Answer Key, the same may be brought to the notice of the Controller of Examination in writing/through E.Mail within 24 hours of uploading the same on the University Website. Thereafter, no complaint in any case, will be considered.
- The candidate *must not* do any rough work or writing in the OMR Answer-Sheet. Rough work, if any, may be done in the question booklet itself. Answers *must not* be ticked in the question booklet.
- 6. There will be no negative marking. Each correct answer will be awarded one full mark. Cutting, erasing, overwriting and more than one answer in OMR Answer-Sheet will be treated as incorrect answer.
- 7. Use only Black or Blue Ball Point Pen of good quality in the OMR Answer-Sheet.
- Before answering the questions, the candidates should ensure that they have been supplied correct and complete booklet. Complaints, if any, regarding misprinting etc. will not be entertained 30 minutes after starting of the examination.

А

- 1. CPR is a term commonly associated with :
  - (1) Stock taking (2) Spring cleaning
  - (3) Pest Control (4) Artificial respiration

2. A conscious business decision of moving internal work to an external provider :

- (1) ODC (2) Work transfer
- (3) Outsourcing (4) Contract
- **3.** Which of the following is considered while determining staff strength for the department?
  - (1) The type of hotel
  - (2) The volume of work to be done
  - (3) The time when the work area is available
  - (4) All of the above
- 4. A description that lays down the required quality levels for employees' performance is known as :
  - (1) Productivity standards
- (2) Performance standards

(4) None of the above

- (3) Quality standards
- 5. Lead- time quantity + safety stock level =
  - (1) Minimum inventory quantity
  - (2) Maximum inventory quantity
  - (3) Emergency inventory quantity
  - (4) Par level quantity
- 6. Guest supplies that are not normally found in a guestroom, but available upon request are known as :
  - (1) Guest amenities (2) Guest expendables
  - (3) Guest deliverables (4) Guest loan items
- 7. Calculate the number of room attendant and floor supervisor that is required for 800 rooms on 8 floors in a resort hotel.
  - (1) 96, 23 (2) 88, 19 (3) 80, 24 (4) 104, 24
- 8. Full form of HVAC :
  - (1) Heat Ventil Air Condition
  - (2) Heating Ventilation Air Conditioning
  - (3) Heated Ventilated Air Conditioner
  - (4) Heavy Vehicular Air Conditioner

ļ	9. Refer to fabric th	at does not shed	or small fib	res is known as.
	(1) Uniform	(2) Lint	(3) Thread	(4) None
1(	<b>).</b> ite equipments.	ms include guest a	menities, cleaning s	upplies and smaller pieces of
	<ul><li>(1) Non recycle</li><li>(3) Minimum in</li></ul>		<ul><li>(2) Recycle inv</li><li>(4) Maximum in</li></ul>	·
11	<ol> <li>The Ecotel impli day operation.</li> </ol>	cations the 3 R's - I	Reduce,	and Recycle in their day to
	(1) Remain	(2) Reuse	(3) Remind	(4) Remember
12	<ul> <li>What is the full for (1) All India Ltd</li> <li>(3) Area Invento</li> </ul>		<ul><li>(2) Air India Lto</li><li>(4) Artificial Int</li></ul>	d.
13	<ul><li>(1) Lowest cost of</li><li>(2) The full cost</li><li>(3) The Publishe</li></ul>	e ? of accommodation of Holiday package d cost of accommod nmodation plus brea		
14	<ul><li>(1) Assigning mo</li><li>(2) Ensuring the</li><li>(3) Determining</li></ul>	ore rooms per guest hotel achieves the m the number of rooms of selling more room	s that are available for	or sale
15.			el to the cashier for o	aily transaction is called : (4) Guest account
16.	What is the term u (1) House Limit (3) Visitor Paid of			extended to a guest ?
17.	The collection of s (1) Ledger	ame type of accoun (2) Allowances	ts is called : (3) Folio	(4) Voucher
18.	Occupancy percen (1) Rev Par	tage multiplied by A	ADR is called : (3) House Limi	t (4) Rack Rate

Α

19.	<ul> <li>Concierge service are normally part of :</li> <li>(1) Sales department</li> <li>(2) The Reservation department</li> <li>(3) The Room division</li> <li>(4) Food and beverage division</li> </ul>
20.	The term HWC would be used for a :(1) Walk in Guest(2) Fussy Guest(3) Sick Guest(4) None of the above
21.	Currency of Egypt : (1) Euro (2) Pound (3) Dollar (4) Peso
22.	Which one is the example of CRS ?(1) Galileo(2) Sabre(3) Amadeus(4) Image
23.	Which of the following room rate plans includes a room only, no meals ?(1) American Plan(2) Modified American Plan(3) European Plan(4) Modified European Plan
24.	Total room sales divided by the number of rooms sold represents :(1) Rack rate(2) Room occupancy percentage(2) Duit(4) Average doily rote
25.	<ul> <li>(3) Daily report</li> <li>(4) Average daily rate</li> <li>The is used as the benchmark quotation of a hotel's room rate.</li> <li>(1) Restricted rate</li> <li>(2) Corporate rate</li> <li>(3) Rack rate</li> <li>(4) Discount rate</li> </ul>
26.	Which of the following is a source of demands placed on industry leaders ?(1) Employees(2) Regulatory agencies(3) Owners(4) All of the above
27.	Currently 180 rooms are occupied in hotel Sonipat while the total number of sellable rooms are 500. Today there are 60 arrivals and 40 departures are expected later during the day. What is the occupancy percentage at this point of time : (1) 36% (2) 24% (3) 44% (4) 40%
28.	Hotel xyz has 200 available rooms out of which 164 are occupied on 12th June. Rack rate for each room is Rs.12,000/ Total room revenue of the hotel for the above given date is Rs. 19,14,000/ Calculate Rev. PAR :

(1) 11,670/- (2) 12,000/- (3) 9,570/- (4) 14,634/-

#### MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(A)

А

P. T. O.

29. 30.	The correct accompaniments for roast grouse are :(1) bacon rolls, meatballs, jus lie, heart-shape croutons spread with duxelles(2) gravy, bread sauce, fried breadcrumbs, game chips, watercress(3) redcurrant jelly, grapes, slices of kiwi-fruit, horseradish sauce(4) cranberry sauce, chestnuts, thyme and parsley stuffing, chipolatasHorseradish sauce should be offered when serving :(1) smoked mackerel(2) wiener schnitzel(3) fried whitebait(4) roast leg of lamb			
31.	<ul><li>(3) fried whitebait</li><li>Grissini is another</li><li>(1) small brioches</li><li>(3) thin breadstick</li></ul>		<ul><li>(2) melba toast</li><li>(4) slices of French</li></ul>	
32.	<ul><li>The machine that d</li><li>(1) pre-mix.</li><li>(3) prep mixer.</li></ul>	ispenses soft drinks i	s called a : (2) post-mix. (4) distributor	
33.	Which is the correct(1) Kahlua	at liqueur for making (2) Curacao	Cafe Calypso ? (3) Tia Maria	(4) Ron Bacardi
34.	Silverware can be p (1) Gueridon		of the following syst (3) Ganymede	
	The Gay-Lussac sy (1) 750 degrees un (3) 250 over proof		coholic strength show (2) neutral grain sp (4) 40% by volume	
(	Real pate de foie gr 1) Fattened goose 3) Duck livers in a	liver	<ul><li>(2) Best quality cal</li><li>(4) Venison flesh a</li></ul>	
	Rum plus water is e 1) Flor	qual to : (2) Grog	(3) Light Rum	(4) Gold Rum
	apsang Sauchang i 1) Rosewood	s smoked over : (2) Pinewood	(3) Coal	(4) Mahogany
	ove apple refers to ) Green Apple	a fruit called : (2) Pineapple	(3) Tomato	(4) Cherry

40.	Wine with disagreeable aroma and taste :					
	(1) Closed	(2) Chewy		Clean	(4)	Elegant
41.	Other name of stirri	ng stick :				C/
	(1) Swizzle stick		(2)	Sizzle stick		
	(3) Bar stick		(4)	Relish fork		
42.	A KOT used for wr	ong dish :				
	(1) Accident KOT		(2)	Supplement KC	T	
	(3) En place		(4)	None of the abo	ove	
43.	ene en un open					
	(1) 3 months	(2) 6 months	(3)	2 years	(4)	1 year
44.	Gin is the national d					
	(1) England	(2) Holland	(3)	Scotland	(4)	USA
45.	The other name of T	· ·				
	(1) Sweet mash wh	2		Sour mash whis All of the above		
	(3) Sweet and sour		(4)	All of the above		
46.	Grappa is a <b>Brandy</b> (1) Italy	(2) Spain	(3)	Germany	(4)	France
# 00m			(.)	Germany	(1)	Tunce
47.	The best tobacco is (1) Brazil	(2) Cuba	(3)	USA	(4)	Chile
				0011		
48.	The oil obtained fro (1) Farina	(2) Canola	(3)	Blinis	(4)	Confit
49.	Storage temperature (1) 4-5 degree C	of broccon.	(2)	8-10 degree C		
	(1) 4-5 degree C (3) 3-15 degree C			5-30 degree C		
50	Which assumption i	s not considered wh	nile d	one implementin	ig 'Pa	arametric

**50.** Which assumption is *not* considered while one implementing 'Parametric Test' in his research ?

- (1) The observations must be drawn from normally distributed populations
- (2) Population must have the same variances
- (3) The observations must be independent
- (4) Variable under study has underlying continuity

# MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(A)

P. T. O.

- **51.** Which 'Parametric Test' is implemented to compare mean value of some variables of interest between independent groups ?
  - (1) Wald-Wolfowitz Runs test
  - (2) T-test for independent samples
  - (3) Mann- Whitney U test
  - (4) Kolmogorov-Smirnov two sample test
- In which 'Non-Parametric Test' data can be ranked from highest to lowest or lowest to 52. highest values?
  - (1) Mann-Whitney U test
  - (2) Kolmogorov-Smirnov two sample test
  - (3) Wald-Wolfowitz Runs test
  - (4) Chi-Square test
- Which 'Non-Parametric Test' will be applied to compare two variables measured in the 53. same sample ?
  - (1) Wald-Wolfowitz Runs test
  - (2) T-test for independent samples
  - (3) Mann-Whitney U test
  - (4) Sign Test
- If more than two variables are measured in the same sample, which 'Parametric Test' 54. will be used?
  - (1) Chi-Square test
  - (2) T-test for independent samples
  - (3) Repeated measures ANOVA
  - (4) Wilcoxon's matched paired test
- 55. The minimum number of sample size at which researcher become restricted to use only 'Non-Parametric Test' is :
  - (1) 10(2) 5 (3) 6(4) 8

**56.** In which test, rather than standard deviation, 'variance' of standard population is used 10 find out statistical inferences ?

- (1) Student T-test (2) Z-test
- (3) F-test (4) T-test for independent samples

- А
- 57. Which 'Inferential Statistical Tool' is implemented in the both Parametric and Nonparametric Test ?

(2) Z-test

- (1) Factor analysis
- (3) T-test (4) Chi-Square test
- **58.** When one uses 'Spearman Rank Coefficient' method, what inference is drawn if the calculated value is as '0.75' ?
  - (1) Good positive correlation between X and Y variables
  - (2) Perfect positive correlation between X and Y variables
  - (3) Minimum positive correlation between X and Y variables
  - (4) None of the above is true

59. 'Chi-Square', a statistical measure, cannot be used for which one of the following test ?

- (1) Test the goodness of fit
- (2) Test the significance of association between two attributes
- (3) Test the homogeneity or the significance of population variance
- (4) Test some variance of interest between two independent groups

**60.**  $\chi^2 = \sum \frac{(O_{ij} - E_{ij})^2}{E_{ij}}$ , this formula of statistical measure is used in :

- (1) Parametric test (2) Non-Parametric test
- (3) Both (a) and (b) (4) None of the above
- **61.** Which of the following condition does *not* fulfill the criteria for Chi-square  $(\chi^2)$  test statistics ?
  - (1) Observations recorded and used are collected on a random basis
  - (2) All the items in the sample must be independent
  - (3) No group should contain less than 10 items
  - (4) The constraints must not be linear
- 62. Which of the following is not synonym of Cluster Analysis ?
  - (1) Q-analysis (2) Clumping
  - (3) Grouping (4) X-analysis

# **63.** The analysis method, used as the basis of the classification a description of the object in terms of a number of characteristics or variables, is known as :

- (1) Discrimination analysis (2) Factor analysis
- (3) Cluster analysis (4) None of the above

- 64. Inferential Statistics is associated with .....
  - (1) Estimating numerical characteristics of the data
  - (2) Describing associations within the data
  - (3) Modelling relationships within the data
  - (4) All of the above
- **65.** Which of the following inferential statistical technique has been developed by 'R A Fisher' ?
  - (1) Z-test (2) ANOVA
  - (3) T-test (4) Factor analysis
- **66.** Which technique is used to determine whether, there is significant difference between sample means of more than two populations ?
  - (1) Factorial analysis
    (2) ANOVA
    (3) Z-test
    (4) Student's T-test
- 67. What do you understand by the term  $'H_0'$  used in the research sector ?
  - (1) The solution statement of the problem that scholar think of
  - (2) The alternate solution statement of the problem
  - (3) Both (1) and (2)
  - (4) None of the above

**68.** Parametric statistical test can be applied on the data measurement scale .....

- (1) Ordinal data (2) Ratio data
- (3) Nominal data (4) All of the above
- **69.** Variance  $(\sigma_s^2)$  of a sample data can be determined through using which of the following formula?
  - (1) Standard deviation  $\times$  mean
  - (2) Standard deviation × standard deviation
  - (3) Standard deviation / mean
  - (4) None of the above
- **70.** A research variable will be called as 'taxonomic variable', when observations is recorded in which of the following scale ?
  - (1) Nominal Scale (2) Ordinal Scale
  - (3) Interval Scale (4) Ratio Scale

- **71.** Which research technique is well suited as a means and method for consensus-building by using a series of questionnaires to collect data from a panel of selected subjects ?
  - (1) Focused group interview technique
  - (2) Discussion and debate technique
  - (3) Delphi technique
  - (4) None of the above
- 72. Which one of the following is presenting the exact sequence for citation of a Journal ?
  - (1) Author(s), article title, journal title, date of publication and page number(s)
  - (2) Author(s), journal title, article title, date of publication and page number(s)
  - (3) Author(s), article title, date of publication, journal title and page number(s)
  - (4) None of the above is true
- 73. APA stands for :
  - (1) American Physiological Association
  - (2) American Psychological Association
  - (3) American Philosophical Association
  - (4) All of the above
- 74. The term 'Paraphrasing' means :
  - (1) Using same to same words as author/s has written while writing quotation in a research paper.
  - (2) Apply your own words/sentences to describe other's research works.
  - (3) All of the above are true
  - (4) None of the above is true
- 75. Which one is *not* a referencing style ?
  - (1) MLA (Modern Language Association of America)
  - (2) APA (American Psychological Association)
  - (3) ACS (American Chemical Society)
  - (4) TCA (Texas Council Association)
- 76. Citation Style "Timothy et al. (1987)" is used when numbers of authors are :
  - (1) 3 or more than 3 (2) 4 or more than 4
  - (3) 5 or more than 5 (4) 6 or more than 6

## MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(A)

10							
77	<ul><li>(1) Title of the</li><li>(2) Title of the</li><li>(3) The words</li></ul>	According to you, which is the true statement regarding Research Title ? (1) Title of the study is nothing that only nomenclature of the topic (2) Title of the study is always presented in sentence form or statement form (3) The words are to be simple and understandable (4) All of the above					
78	<ul> <li>Parenthetical referencing style is a style of :</li> <li>(1) In-text citation</li> <li>(2) Footnote citation</li> <li>(3) End note citation</li> <li>(4) None of the above</li> </ul>						
79	<ul><li>(1) It supports</li><li>(2) It enables y</li><li>(3) It supports</li></ul>	<ul> <li>References are necessary while writing articles / research papers, because :</li> <li>(1) It supports your arguments and gives credibility to the information provided by you.</li> <li>(2) It enables your tutors to check the accuracy and validity of the evidence presented.</li> <li>(3) It supports your work to avoid accusations of plagiarism.</li> <li>(4) All of the above</li> </ul>					
80.	Which of the for (1) Mendelev	ollowing is <i>not</i> a 'Cita' (2) RefWorks	ation Software' ? (3) Zotero	(4) Kesovo			
81.	<ul><li>(1) From Begin</li><li>(3) End slide sh</li></ul>	ning	ne when click on 'Slide (2) From Curren (4) Custom slide	t slide show			
82.	Zoom option is of the following	used to see the slide menu bar in a PPT	Larger/bigger. Zoom	option can be found in w	hich		
	(1) Review	(2) View	(3) Design	(4) Home			
83.	In variable view of the questionna	of SPSS Software, iire ?	which column is used	to write a complete que	stion		
	(1) Values	(2) Level	(3) Measure	(4) Type			
84.	The data entered in :	d into 'Type' colun	nn of variable view	of SPSS software could	j be		
(	<ol> <li>Numeric forr</li> <li>Scientific not</li> </ol>	ation	<ul><li>(2) String form</li><li>(4) All of the above</li></ul>	ove			
<b>85.</b> (	Ex-post-facto' res	search is also known	n as :				
	<ol> <li>Descriptive R</li> <li>Fundamental</li> </ol>		<ul><li>(2) Applied Reset</li><li>(4) Action Resea</li></ul>				
PH/DL	ID/UDS EE 202				N		

and a

# MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(A)

86	Which (	11	
00	Which technical term is used, when we design the research study in such a way that		
	minimizes the effect of extraneous ind (1) Treatment	ependent variables ?	
	<ul><li>(3) Factor design</li></ul>	(2) Control	
07		(4) None of the above	
87.		experimental and control groups are put to get	
	(1) Experimental Unit	(2) Confounded relationship	
	(3) Treatments	<ul><li>(4) None of the above</li></ul>	
88.	Which one of the following is <i>not</i> an example.		
	(1) Principle of randomization		
	(3) Principle of local control	<ul><li>(2) Principle of replication</li><li>(4) Principle of expectation</li></ul>	
89.		(4) Principle of expectation n is very similar to which of the following	
	(1) One-way ANOVA	(2) Two-way ANOVA	
	(3) MANOVA	<ul><li>(2) Two-way ANOVA</li><li>(4) None of the above</li></ul>	
90.	Which of the following error may also l		
	(1) Measurer	be known as 'External Measurement Error' ?	
	(3) Respondent	<ul><li>(2) Measuring instrument</li><li>(4) All of the above</li></ul>	
01	-		
91.	Which one of the following is <i>not</i> comp		
	<ul><li>(1) MS Office</li><li>(3) Libra Office Suite</li></ul>	(2) Firefox	
	(3) Libra Office Suite	(4) The Linux	
92.	Which of the scaling technique comes u	nder 'Ranking Scale' ?	
	(1) The graphic rating scale	(2) The itemized rating scale	
	(3) Method of paired comparison	(4) All of the above	
93.	'Summated Scale' was developed under	which scale construction approach 2	
	(1) Consensus scale approach	(2) Item analysis approach	
	(3) Cumulative scale approach	(4) Arbitrary approach	
TPLYM	NEW/EDG DE GOGO//Y		

MPH/PHD/URS-EE-2020/(Hotel Mot )(SET V)/(A)

А

12		A	
94.	Using which data collection tool, face to collectors do not take place ?	face interaction between respondents and data	
	<ul><li>(1) Schedule</li><li>(3) Participatory observation</li></ul>	<ul><li>(2) Interview</li><li>(4) None of the above</li></ul>	
95.	In higher secondary exam (2017), the st more than 75%. It is an example of : (1) One tail test (3) Non-directional test	<ul><li>(2) Two tail test</li><li>(4) All of the above</li></ul>	
96.	<ul> <li>Tests concerned with using selected sample data compared with population data in a variety of ways are called :</li> <li>(1) Descriptive Statistical Test</li> <li>(2) Inferential Statistical Test</li> <li>(3) Both Descriptive and Inferential Statistical Test</li> <li>(4) All of the above</li> </ul>		
97.	Autoregressive Integrated Moving Av approach to : (1) Time series analysis (3) Cluster analysis	<ul><li>erage (ARIMA) statistics is a Box-Jenkins</li><li>(2) Discrimination analysis</li><li>(4) None of the above</li></ul>	
~~~			
98.	Carom or Thymot seeds are called : (1) Fennel (3) Ajwain	<ul><li>(2) Cumin</li><li>(4) None of these</li></ul>	
00			
99.	Yeast is killed at a temperature of about (1) $70^{\circ}$ C (2) $65^{\circ}$ C	: (3) 75°C (4) None of these	
		$(3) \ 75 \ C \qquad (4) \ \text{None of mesc}$	
100.	Black fungus is also known as :		
	(1) Shitake	(2) Maitake	
	(3) Enoki	(4) Cloud ear fungus	

MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(A)

12

A

Total No. of Printed Pages : 13

## (DO NOT OPEN THIS QUESTION BOOKLET BEFORE TIME OR UNTIL YOU ARE ASKED TO DO SO) M.Phil./Ph.D./URS-EE-2020 SUBJECT : Hotel Management

10014

Time : 1¼ Hours	Max. Marks : 100	Total Questions : 100
Roll No. (in figures)	(in words)	
Name	Father's Name	
Mother's Name	Date of Examination	

(Signature of the Candidate)

(Signature of the Invigilator)

Sr. No.

#### CANDIDATES MUST READ THE FOLLOWING INFORMATION/INSTRUCTIONS BEFORE STARTING THE QUESTION PAPER.

#### 1. All questions are compulsory.

- 2. The candidates *must return* the question booklet as well as OMR Answer-Sheet to the Invigilator concerned before leaving the Examination Hall, failing which a case of use of unfair-means / mis-behaviour will be registered against him / her, in addition to lodging of an FIR with the police. Further the answer-sheet of such a candidate will not be evaluated.
- 3. Keeping in view the transparency of the examination system, carbonless OMR Sheet is provided to the candidate so that a copy of OMR Sheet may be kept by the candidate.
- 4. Question Booklet along with answer key of all the A, B, C & D code will be got uploaded on the University website after the conduct of Entrance Examination. In case there is any discrepancy in the Question Booklet/Answer Key, the same may be brought to the notice of the Controller of Examination in writing/through E.Mail within 24 hours of uploading the same on the University Website. Thereafter, no complaint in any case, will be considered.
- 5. The candidate *must not* do any rough work or writing in the OMR Answer-Sheet. Rough work, if any, may be done in the question booklet itself. Answers *must not* be ticked in the question booklet.
- 6. There will be no negative marking. Each correct answer will be awarded one full mark. Cutting, erasing, overwriting and more than one answer in OMR Answer-Sheet will be treated as incorrect answer.
- 7. Use only Black or Blue Ball Point Pen of good quality in the OMR Answer-Sheet.
- 8. Before answering the questions, the candidates should ensure that they have been supplied correct and complete booklet. Complaints, if any, regarding misprinting etc. will not be entertained 30 minutes after starting of the examination.

#### MPH/PHD/URS-EE-2020/(Hotel Management)(SET-Y)/(B)

- 1. Which research technique is well suited as a means and method for consensus-building by using a series of questionnaires to collect data from a panel of selected subjects ?
  - (1) Focused group interview technique
  - (2) Discussion and debate technique
  - (3) Delphi technique

B

- (4) None of the above
- 2. Which one of the following is presenting the exact sequence for citation of a Journal ?
  - (1) Author(s), article title, journal title, date of publication and page number(s)
  - (2) Author(s), journal title, article title, date of publication and page number(s)
  - (3) Author(s), article title, date of publication, journal title and page number(s)
  - (4) None of the above is true
- 3. APA stands for :
  - (1) American Physiological Association
  - (2) American Psychological Association
  - (3) American Philosophical Association
  - (4) All of the above
- 4. The term 'Paraphrasing' means :
  - (1) Using same to same words as author/s has written while writing quotation in a research paper.
  - (2) Apply your own words/sentences to describe other's research works.
  - (3) All of the above are true
  - (4) None of the above is true
- 5. Which one is *not* a referencing style ?
  - (1) MLA (Modern Language Association of America)
  - (2) APA (American Psychological Association)
  - (3) ACS (American Chemical Society)
  - (4) TCA (Texas Council Association)
- 6. Citation Style "Timothy et al. (1987)" is used when numbers of authors are :
  - (1) 3 or more than 3 (2) 4 or more than 4
  - (3) 5 or more than 5 (4) 6 or more than 6

#### MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(B)

- 7. According to you, which is the true statement regarding Research Title ?
  - (1) Title of the study is nothing that only nomenclature of the topic
  - (2) Title of the study is always presented in sentence form or statement form
  - (3) The words are to be simple and understandable
  - (4) All of the above
- 8. Parenthetical referencing style is a style of :
  - (1) In-text citation (2) Footnote citation
  - (3) End note citation (4) None of the above
- 9. References are necessary while writing articles / research papers, because :
  - (1) It supports your arguments and gives credibility to the information provided by you.
  - (2) It enables your tutors to check the accuracy and validity of the evidence presented.
  - (3) It supports your work to avoid accusations of plagiarism.
  - (4) All of the above
- 10. Which of the following is *not* a 'Citation Software' ?
  - (1) Mendelev (2) RefWorks (3) Zotero (4) Kesovo
- **11.** Which 'Parametric Test' is implemented to compare mean value of some variables of interest between independent groups ?
  - (1) Wald-Wolfowitz Runs test
  - (2) T-test for independent samples
  - (3) Mann- Whitney U test
  - (4) Kolmogorov-Smirnov two sample test
- **12.** In which 'Non-Parametric Test' data can be ranked from highest to lowest or lowest to highest values ?
  - (1) Mann-Whitney U test
  - (2) Kolmogorov-Smirnov two sample test
  - (3) Wald-Wolfowitz Runs test
  - (4) Chi-Square test
- **13.** Which 'Non-Parametric Test' will be applied to compare two variables measured in the same sample ?
  - (1) Wald-Wolfowitz Runs test
- (2) T-test for independent samples
- (3) Mann-Whitney U test (4) Sign Test

- 14. If more than two variables are measured in the same sample, which 'Parametric Test' will be used ?
  - (1) Chi-Square test
  - (2) T-test for independent samples
  - (3) Repeated measures ANOVA
  - (4) Wilcoxon's matched paired test
- **15.** The minimum number of sample size at which researcher become restricted to use only 'Non-Parametric Test' is :
  - (1) 10 (2) 5 (3) 6 (4) 8
- **16.** In which test, rather than standard deviation, 'variance' of standard population is used to find out statistical inferences ?
  - (1) Student T-test
     (2) Z-test
     (3) F-test
     (4) T-test for independent samples
- **17.** Which 'Inferential Statistical Tool' is implemented in the both Parametric and Non-parametric Test ?
  - (1) Factor analysis
    (2) Z-test
    (3) T-test
    (4) Chi-Square te
    - ) T-test (4) Chi-Square test
- **18.** When one uses 'Spearman Rank Coefficient' method, what inference is drawn if the calculated value is as '0.75' ?
  - (1) Good positive correlation between X and Y variables
  - (2) Perfect positive correlation between X and Y variables
  - (3) Minimum positive correlation between X and Y variables
  - (4) None of the above is true
- 19. 'Chi-Square', a statistical measure, cannot be used for which one of the following test ?
  - (1) Test the goodness of fit
  - (2) Test the significance of association between two attributes
  - (3) Test the homogeneity or the significance of population variance
  - (4) Test some variance of interest between two independent groups

4				B
20.	$\chi^2 = \Sigma \frac{(O_{ij} - E_{ij})^2}{E_{ij}}$	-, this formula of sta	tistical measure is u	sed in :
	<ol> <li>Parametric test</li> <li>Both (a) and (b)</li> </ol>		<ul><li>(2) Non-Parametric</li><li>(4) None of the a</li></ul>	HC ICSI
21.	Grissini is another (1) small brioches (3) thin breadstick		<ul><li>(2) melba toast</li><li>(4) slices of Fren</li></ul>	ch bread
22.	The machine that d (1) pre-mix. (3) prep mixer.	lispenses soft drinks i	is called a : (2) post-mix. (4) distributor	
23.	Which is the correct (1) Kahlua	et liqueur for making (2) Curacao	Cafe Calypso ? (3) Tia Maria	(4) Ron Bacardi
24.	Silverware can be (1) Gueridon	polished using which (2) Helitherm	of the following sy (3) Ganymede	vstems ? (4) Polivit
25.	The Gay-Lussac sy (1) 750 degrees un (3) 250 over proof	nder proof	lcoholic strength sh (2) neutral grain (4) 40% by volu	-
26.	Real pate de foie g (1) Fattened goose (3) Duck livers in	eliver	<ul><li>(2) Best quality</li><li>(4) Venison fles</li></ul>	calf's liver h and salt pork fat
27.	Rum plus water is (1) Flor	equal to : (2) Grog	(3) Light Rum	(4) Gold Rum
28.	Lapsang Sauchang (1) Rosewood	is smoked over : (2) Pinewood	(3) Coal	(4) Mahogany
29.	Love apple refers to (1) Green Apple	o a fruit called : (2) Pineapple	(3) Tomato	(4) Cherry
30.	Wine with disagree (1) Closed	eable aroma and tast (2) Chewy	e : (3) Clean	(4) Elegant
MPH/	PHD/URS-EE-2020	)/(Hotel Mgt.)(SET	^-Y)/(B)	

B

В The Ecotel implications the 3 R's - Reduce, ..... and Recycle in their day to 31. day operation. (4) Remember (1) Remain (3) Remind (2) Reuse What is the full form of AIL? 32. (1) All India Ltd. (2) Air India Ltd. (4) Artificial Intelligence (3) Area Inventory List 33. What is Rack Rate? (1) Lowest cost of accommodation (2) The full cost of Holiday package (3) The Published cost of accommodation (4) Cost of accommodation plus breakfast **34.** Overbooking is : (1) Assigning more rooms per guest (2) Ensuring the hotel achieves the maximum rate per room (3) Determining the number of rooms that are available for sale (4) The process of selling more rooms than are actually available 35. The cash amount provided by the hotel to the cashier for daily transaction is called : (1) Petty Cash (2) Impress cash (3) Cash Bank (4) Guest account What is the term used for the upper limit of credit facility extended to a guest ? 36. (1) House Limit (2) Credit Limit (3) Visitor Paid out (4) Folio Limit The collection of same type of accounts is called : 37. (1) Ledger (2) Allowances (3) Folio (4) Voucher **38.** Occupancy percentage multiplied by ADR is called : (1) Rev Par (2) ADR (3) House Limit (4) Rack Rate 39. Concierge service are normally part of : (1) Sales department (2) The Reservation department (3) The Room division (4) Food and beverage division MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(B) P. T. O.

6

40.	The term HWC would be used for a : (1) Walk in Guest		Fussy Guest None of the above
	(3) Sick Guest	(4)	None of the above
41.	Which one of the following is <i>not</i> comp	uter	application software ?
	(1) MS Office		Firefox
	(3) Libra Office Suite	(4)	The Linux
42.	Which of the scaling technique comes u	Inder	'Ranking Scale' ?
	(1) The graphic rating scale		The itemized rating scale
	(3) Method of paired comparison		All of the above
43.			
10.	Summated Scale was developed under		
	(1) Consensus scale approach	(2)	Item analysis approach
	(3) Cumulative scale approach	(4)	Arbitrary approach
44.	Using which data collection tool, face to collectors do not take place ?	o fac	e interaction between respondents and data
	(1) Schedule	(2)	Interview
	(3) Participatory observation	(4)	None of the above
45.	In higher secondary exam (2017), the smore than 75%. It is an example of :	stude	nts of Haryana School Board have secured
	(1) One tail test	(2)	Two tail test
	(3) Non-directional test	(4)	All of the above
46.	Tests concerned with using selected sa variety of ways are called :	mple	e data compared with population data in a
	(1) Descriptive Statistical Test		
	(2) Inferential Statistical Test		
	(3) Both Descriptive and Inferential Sta	atisti	cal Test
	<ul><li>(4) All of the above</li></ul>		
47.	Autoregressive Integrated Moving A approach to :	verag	ge (ARIMA) statistics is a Box-Jenkins
	(1) Time series analysis	(2)	Discrimination analysis

(3) Cluster analysis (4) None of the above

#### MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(B)

В

В

- **48.** Carom or Thymot seeds are called :
  - (1) Fennel (2) Cumin
  - (3) Ajwain (4) None of these
- **49.** Yeast is killed at a temperature of about :
  - (1)  $70^{\circ}$ C (2)  $65^{\circ}$ C (3)  $75^{\circ}$ C (4) None of these
- **50**. Black fungus is also known as :
  - (1) Shitake (2) Maitake
  - (3) Enoki (4) Cloud ear fungus
- **51.** Which of the following condition does *not* fulfill the criteria for Chi-square  $(\chi^2)$  test statistics ?
  - (1) Observations recorded and used are collected on a random basis
  - (2) All the items in the sample must be independent
  - (3) No group should contain less than 10 items
  - (4) The constraints must not be linear
- 52. Which of the following is not synonym of Cluster Analysis ?
  - (1) Q-analysis (2) Clumping
  - (3) Grouping (4) X-analysis
- **53.** The analysis method, used as the basis of the classification a description of the object in terms of a number of characteristics or variables, is known as :
  - (1) Discrimination analysis (2) Factor analysis
  - (3) Cluster analysis (4) None of the above
- 54. Inferential Statistics is associated with .....
  - (1) Estimating numerical characteristics of the data
  - (2) Describing associations within the data
  - (3) Modelling relationships within the data
  - (4) All of the above
- 55. Which of the following inferential statistical technique has been developed by 'R A Fisher' ?
  - (1) Z-test (2) ANOVA
  - (3) T-test (4) Factor analysis

#### MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(B)

P. T. O.

- **56.** Which technique is used to determine whether, there is significant difference between sample means of more than two populations ?
  - (1) Factorial analysis (2) ANOVA
  - (3) Z-test (4) Student's T-test
- 57. What do you understand by the term  $'H_0'$  used in the research sector ?
  - (1) The solution statement of the problem that scholar think of
  - (2) The alternate solution statement of the problem
  - (3) Both (1) and (2)
  - (4) None of the above

- **59.** Variance  $(\sigma_s^2)$  of a sample data can be determined through using which of the following formula ?
  - (1) Standard deviation  $\times$  mean
  - (2) Standard deviation × standard deviation
  - (3) Standard deviation / mean
  - (4) None of the above
- **60.** A research variable will be called as 'taxonomic variable', when observations is recorded in which of the following scale ?
  - (1) Nominal Scale (2) Ordinal Scale
  - (3) Interval Scale (4) Ratio Scale
- **61.** If one presents one's research work through PowerPoint Presentation Software, which of the following option does not come when click on 'Slide Show Menu Bar' ?
  - (1) From Beginning (2) From Current slide
  - (3) End slide show (4) Custom slide show
- **62.** Zoom option is used to see the slide Larger/bigger. Zoom option can be found in which of the following menu bar in a PPT ?
  - (1) Review (2) View (3) Design (4) Home
- **63.** In variable view of SPSS Software, which column is used to write a complete question of the questionnaire ?
  - (1) Values (2) Level (3) Measure (4) Type

64	I. The data entered into 'Type' and	9
	in :	9 of variable view of SPSS software could be
	<ul><li>(1) Numeric form</li><li>(3) Scientific notation</li></ul>	<ul><li>(2) String form</li><li>(4) All of the above</li></ul>
65	<i>'Ex-post-facto'</i> research is also known a	
	(1) Descriptive Research	(2) Applied Research
	(3) Fundamental Research	(4) Action Research
66.	(1) Treatment	ve design the research study in such a way that ependent variables ? (2) Control
	(3) Factor design	(4) None of the above
67.	conclusion is usually referred as :	experimental and control groups are put to get
	(1) Experimental Unit	(2) Confounded relationship
	(3) Treatments	(4) None of the above
68.	Which one of the following is <i>not</i> an ex	xperimental design ?
	(1) Principle of randomization	(2) Principle of replication
	(3) Principle of local control	(4) Principle of expectation
69.	The analysis of Latin Square Desig technique?	n is very similar to which of the following
	(1) One-way ANOVA	(2) Two-way ANOVA
	(3) MANOVA	(4) None of the above
70.	Which of the following error may also	be known as 'External Measurement Error' ?
	(1) Measurer	(2) Measuring instrument
	(3) Respondent	(4) All of the above
71.	Other name of stirring stick :	
	(1) Swizzle stick	(2) Sizzle stick
	(3) Bar stick	(4) Relish fork
72.	A KOT used for wrong dish :	
	(1) Accident KOT	(2) Supplement KOT
	(3) En place	(4) None of the above
PH/P	"HD/URS_FF_2020/(Hotel Met.)(SET-	-Y)/(B) P. T. C

# MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(B)

P. T. O.

- 7
- 7

10 73.	The life of an open vermouth Bottle is (1) 3 months (2) 6 months	(3) 2 years	(4) 1 year		
74.	Gin is the national drink of : (1) England (2) Holland	(3) Scotland	(4) USA		
75.	<ul><li>The other name of Tennesse whiskey</li><li>(1) Sweet mash whiskey</li><li>(3) Sweet and sour mash whiskey</li></ul>	: (2) Sour mash whi (4) All of the abov	skey e		
76.	Grappa is a Brandy from : (1) Italy (2) Spain	(3) Germany	(4) France		
77.	The best tobacco is from :(1) Brazil(2) Cuba	(3) USA	(4) Chile		
78.	The oil obtained from rapeseed :(1) Farina(2) Canola	(3) Blinis	(4) Confit		
79.	<ul> <li>Storage temperature of broccoli :</li> <li>(1) 4-5 degree C</li> <li>(2) 8-10 degree C</li> <li>(3) 3-15 degree C</li> <li>(4) 5-30 degree C</li> </ul>				
80.	<ul> <li>Which assumption is <i>not</i> considered while one implementing 'Parametric Test' in hir research ?</li> <li>(1) The observations must be drawn from normally distributed populations</li> <li>(2) Population must have the same variances</li> <li>(3) The observations must be independent</li> <li>(4) Variable under study has underlying continuity</li> </ul>				
81.	Currency of Egypt : (1) Euro (2) Pound	(3) Dollar	(4) Peso		
82.	<ul><li>Which one is the example of CRS ?</li><li>(1) Galileo</li><li>(2) Sabre</li></ul>	(3) Amadeus	(4) Image		
83.	<ul><li>Which of the following room rate p</li><li>(1) American Plan</li><li>(3) European Plan</li></ul>	lans includes a room o (2) Modified A (4) Modified E	merican Plan		

В

84.	Total room sales di	vided by the numb		
	Total room sales di (1) Rack rate (3) Daily report		$(2) \operatorname{Room}_{\operatorname{occi}}$	Ipancy percentage
85.	(3) Rack rate		enchmark quotatio (2) Corporate (4) Discount r	n of a hotel's room rate. rate ate
86.	<ul><li>Which of the follow</li><li>(1) Employees</li><li>(3) Owners</li></ul>	wing is a source of	demands placed or (2) Regulatory (4) All of the a	n industry leaders ? / agencies
87.	the day. What is the	e occupancy perce	hotel Sonipat whi rivals and 40 depar ntage at this point c	le the total number of sellabl
	(1) 36%	(2) 24%	(3) 44%	(4) 40%
88.	Hotel xyz has 200 rate for each room date is Rs. 19,14,00 (1) 11,670/-	18 KS.12,000/ 10	tal room revenue o	e occupied on 12th June. Rac of the hotel for the above give (4) 14,634/-
89.	The correct accomp (1) bacon rolls, me (2) gravy, bread sa (3) redcurrant jelly (4) cranberry sauce	eatballs, jus lie, hea nuce, fried breader , grapes, slices of	art-shape croutons s umbs, game chips, kiwi-fruit, horserad	spread with duxelles watercress lish sauce
90.	Horseradish sauce (1) smoked macke (3) fried whitebait		when serving : (2) wiener sch (4) roast leg ol	
91.	CPR is a term com	monly associated v	with :	
	<ol> <li>(1) Stock taking</li> <li>(3) Pest Control</li> </ol>		<ul><li>(2) Spring cleat</li><li>(4) Artificial r</li></ul>	-
92.	A conscious busine	ss decision of mov	ing internal work t	o an external provider :
	<ul><li>(1) ODC</li><li>(3) Outsourcing</li></ul>		<ul><li>(2) Work trans</li><li>(4) Contract</li></ul>	sfer
	LITE I INTRAHMANNA		( . )	

## (3) Outsourcing

# MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(B)

P. T. O.

- 93. Which of the following is considered while determining staff strength for the department?
  - (1) The type of hotel
  - (2) The volume of work to be done
  - (3) The time when the work area is available
  - (4) All of the above
- A description that lays down the required quality levels for employees' performance is 94. known as :
  - (1) Productivity standards
  - (3) Quality standards
- 95. Lead- time quantity + safety stock level =
  - (1) Minimum inventory quantity
  - (2) Maximum inventory quantity
  - (3) Emergency inventory quantity
  - (4) Par level quantity

96. Guest supplies that are not normally found in a guestroom, but available upon request are known as :

- (1) Guest amenities (2) Guest expendables
- (3) Guest deliverables (4) Guest loan items
- Calculate the number of room attendant and floor supervisor that is required for 800 97 rooms on 8 floors in a resort hotel.
  - (1) 96, 23 (2) 88, 19 (3) 80, 24 (4) 104.24

#### 98. Full form of HVAC :

- (1) Heat Ventil Air Condition
- (2) Heating Ventilation Air Conditioning
- (3) Heated Ventilated Air Conditioner
- (4) Heavy Vehicular Air Conditioner

Refer to fabric that does not shed ..... or small fibres is known as. 99

(1) Uniform (2) Lint (3) Thread (4) None

..... items include guest amenities, cleaning supplies and smaller pieces of 100. equipments.

- (1) Non recycle inventory (2) Recycle inventory
- (3) Minimum inventory (4) Maximum inventory

#### MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(B)

(2) Performance standards

B

- (4) None of the above

(DO NOT	OPEN THIS QUESTION BOOKLET BEFORE TIME O	R UNTIL YOU
С	ARE ASKED TO DO SO) M.Phil./Ph.D./URS-EE-2020	SET-Y
	SUBJECT : Hotel Management	10015
	Sr. No.	

Time : 1¼ Hours	Max.	Marks : 100	Total Questions : 100
Roll No. (in figures)	(in wo	ords)	
Name		Father's Name	
Mother's Name		Date of Examination	

(Signature of the Candidate)

(Signature of the Invigilator)

Total No. of Printed Pages : 13

#### CANDIDATES MUST READ THE FOLLOWING INFORMATION/INSTRUCTIONS BEFORE STARTING THE QUESTION PAPER.

#### 1. All questions are compulsory.

- 2. The candidates *must return* the question booklet as well as OMR Answer-Sheet to the Invigilator concerned before leaving the Examination Hall, failing which a case of use of unfairmeans / mis-behaviour will be registered against him / her, in addition to lodging of an FIR with the police. Further the answer-sheet of such a candidate will not be evaluated.
- 3. Keeping in view the transparency of the examination system, carbonless OMR Sheet is provided to the candidate so that a copy of OMR Sheet may be kept by the candidate.
- 4. Question Booklet along with answer key of all the A, B, C & D code will be got uploaded on the University website after the conduct of Entrance Examination. In case there is any discrepancy in the Question Booklet/Answer Key, the same may be brought to the notice of the Controller of Examination in writing/through E.Mail within 24 hours of uploading the same on the University Website. Thereafter, no complaint in any case, will be considered.
- 5. The candidate *must not* do any rough work or writing in the OMR Answer-Sheet. Rough work, if any, may be done in the question booklet itself. Answers *must not* be ticked in the question booklet.
- 6. There will be no negative marking. Each correct answer will be awarded one full mark. Cutting, erasing, overwriting and more than one answer in OMR Answer-Sheet will be treated as incorrect answer.
- 7. Use only Black or Blue Ball Point Pen of good quality in the OMR Answer-Sheet.
- 8. Before answering the questions, the candidates should ensure that they have been supplied correct and complete booklet. Complaints, if any, regarding misprinting etc. will not be entertained **30** minutes after starting of the examination.

#### MPH/PHD/URS-EE-2020/(Hotel Management)(SET-Y)/(C)

1.	Other name of stirring stick :					
	(1) Swizzle stick		(2)	Sizzle stick		
	(3) Bar stick		(4)	Relish fork		
2.	A KOT used for wr	ong dish :				
	(1) Accident KOT		(2)	Supplement KC	Т	
	(3) En place		(4)	None of the abo	ve	
3.	The life of an open	vermouth Bottle is :				
	(1) 3 months	(2) 6 months	(3)	2 years	(4)	1 year
4.	Gin is the national of	drink of :				
	(1) England	(2) Holland	(3)	Scotland	(4)	USA
5.	The other name of T	Fennesse whiskey :				
	(1) Sweet mash wh	iskey	(2)	Sour mash whis	key	
	(3) Sweet and sour	mash whiskey	(4)	All of the above	2	
6.	Grappa is a Brandy	from :				
	(1) Italy	(2) Spain	(3)	Germany	(4)	France
7.	The best tobacco is	from :				
	(1) Brazil	(2) Cuba	(3)	USA	(4)	Chile
8.	The oil obtained fro	om rapeseed :				
	(1) Farina	(2) Canola	(3)	Blinis	(4)	Confit
9.	Storage temperature	e of broccoli :				
	(1) 4-5 degree C		(2)	8-10 degree C		
	(3) 3-15 degree C		(4)	5-30 degree C		

**10.** Which assumption is *not* considered while one implementing 'Parametric Test' in his research ?

- (1) The observations must be drawn from normally distributed populations
- (2) Population must have the same variances
- (3) The observations must be independent
- (4) Variable under study has underlying continuity

#### MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(C)

P. T. O.

1	11. Currency of Egy	pt :			
	(1) Euro		(3) Dollar	(4) Peso	
1	<ol> <li>Which one is the</li> <li>(1) Galileo</li> </ol>	example of CRS ? (2) Sabre	(3) Amadeus	(4) Image	
1:	<ol> <li>Which of the following (1) American Plate</li> <li>(3) European Plate</li> </ol>		ans includes a room or (2) Modified An (4) Modified Eur	nly, no meals ? nerican Plan	
14	(3) Daily report		ber of rooms sold repro (2) Room occupa (4) Average daily	esents : ncy percentage	
	(3) Rack rate		enchmark quotation of (2) Corporate rate (4) Discount rate		
	(3) Owners		demands placed on ind (2) Regulatory age (4) All of the above	ncies	
17.	Currently 180 room rooms are 500. Tod the day. What is the (1) 36%	ns are occupied in ay there are 60 arri occupancy percent (2) 24%	age at this point of tim	te total number of sellable s are expected later during the : (4) 40%	
1	date is Rs. 19,14,000	vailable rooms out s Rs.12,000/ Tota / Calculate Rev. H	of which 164 are occ l room revenue of the PAR :	upied on 12th June. Rack hotel for the above given	
		(2) 12,000/-	(3) 9,570/-	(4) 14,634/-	
19. ]	The correct accompar	niments for roast gr	'ouse are :		
(1) bacon rolls, meatballs, jus lie, heart-shape croutons spread with duxelles					
1	-/ gravy, breau sauce	e, fried breadcruml	os, game chins water	14000	
	"redefinant jelly, g	rapes, slices of kiw	i-fruit horseradich an		
MPH/PH	D/URS-EE-2020/(H	lotel Met.)(SFT_v	d parsley stuffing, chi	polatas	
		Service 1	m(C)		

1000

AN NEW COLOR OF STREET

Come Construction of

С

- 20. Horseradish sauce should be offered when serving :
  - (1) smoked mackerel (2) wiener schnitzel
  - (3) fried whitebait (4) roast leg of lamb
- 21. CPR is a term commonly associated with :
  - (1) Stock taking (2) Spring cleaning
  - (3) Pest Control (4) Artificial respiration
- 22. A conscious business decision of moving internal work to an external provider :
  (1) ODC
  (2) Work transfer
  (3) Outsourcing
  (4) Contract
- **23.** Which of the following is considered while determining staff strength for the department?
  - (1) The type of hotel
  - (2) The volume of work to be done
  - (3) The time when the work area is available
  - (4) All of the above
- 24. A description that lays down the required quality levels for employees' performance is known as :
  - (1) Productivity standards
- (2) Performance standards
- (3) Quality standards (4) None of the above
- **25.** Lead- time quantity + safety stock level =
  - (1) Minimum inventory quantity
  - (2) Maximum inventory quantity
  - (3) Emergency inventory quantity
  - (4) Par level quantity
- **26.** Guest supplies that are not normally found in a guestroom, but available upon request are known as :
  - (1) Guest amenities (2) Guest expendables
  - (3) Guest deliverables (4) Guest loan items
- 27. Calculate the number of room attendant and floor supervisor that is required for 800 rooms on 8 floors in a resort hotel.
  - (1) 96, 23 (2) 88, 19 (3) 80, 24 (4) 104, 24

## APH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(C)

P. T. O.

28	<ul><li>(1) Heat Ventil (2) Heating Ventil</li><li>(3) Heated Ventil</li></ul>		er	С
29.	Refer to fabric the (1) Uniform	at does not shed (2) Lint		res is known as. (4) None
30.	equipments. (1) Non recycle in (3) Minimum inv	nventory	nenities, cleaning su (2) Recycle inve (4) Maximum in	•
	<ul><li>(1) From Beginnin</li><li>(3) End slide show</li></ul>	ng N	when click on 'Slide (2) From Curren (4) Custom slide	Presentation Software, which Show Menu Bar' ? t slide show
	Zoom option is use of the following me (1) Review	ed to see the slide La enu bar in a PPT ? (2) View	arger/bigger. Zoom o (3) Design	option can be found in which (4) Home
			ich column is used	to write a complete question
	<ol> <li>Values</li> <li>The data entered in :</li> </ol>	(2) Level into 'Type' column	(3) Measure of variable view of	(4) Type of SPSS software could be
( (.	<ol> <li>Numeric form</li> <li>Scientific notati</li> </ol>	on	<ul><li>(2) String form</li><li>(4) All of the above</li></ul>	
(1	Ex-post-facto' resea 1) Descriptive Rese 3) Fundamental Re		s : (2) Applied Resea (4) Action Resear	
(1)	) Treatment	m is used, when we of extraneous indep (2) Control Hotel Mgt.)(SET-Y	(3) Factor design	h study in such a way that (4) None of the above

5

С

38.	<ul><li>Which one of the following is <i>not</i> an exp</li><li>(1) Principle of randomization</li><li>(3) Principle of local control</li></ul>	erimental design ? (2) Principle of replication (4) Principle of expectation			
39.	The analysis of Latin Square Design technique ? (1) One-way ANOVA (3) MANOVA	<ul><li>is very similar to which of the following</li><li>(2) Two-way ANOVA</li><li>(4) None of the above</li></ul>			
40.	<ul><li>Which of the following error may also b</li><li>(1) Measurer</li><li>(3) Respondent</li></ul>	e known as 'External Measurement Error' ? (2) Measuring instrument (4) All of the above			
41.	<ul> <li>Which of the following condition does <i>not</i> fulfill the criteria for Chi-square (χ<sup>2</sup>) test statistics ?</li> <li>(1) Observations recorded and used are collected on a random basis</li> <li>(2) All the items in the sample must be independent</li> <li>(3) No group should contain less than 10 items</li> <li>(4) The constraints must not be linear</li> </ul>				
42.	<ul><li>Which of the following is <i>not</i> synonym</li><li>(1) Q-analysis</li><li>(2) Clumping</li></ul>	of Cluster Analysis ? (3) Grouping (4) X-analysis			
43.	The analysis method, used as the basis in terms of a number of characteristics of (1) Discrimination analysis (3) Cluster analysis	of the classification a description of the object or variables, is known as : (2) Factor analysis (4) None of the above			
44.	<ul> <li>Inferential Statistics is associated with</li></ul>				
MPH/I	PHD/URS-EE-2020/(Hotel Mgt.)(SET	-Y)/(C) P. T. O.			

37. The different conditions under which experimental and control groups are put to get

(2) Confounded relationship

(4) None of the above

conclusion is usually referred as :

(1) Experimental Unit

(3) Treatments

- **45.** Which of the following inferential statistical technique has been developed by 'R A Fisher' ?
  - (1) Z-test (2) ANOVA (3) T-test (4) Factor analysis

**46.** Which technique is used to determine whether, there is significant difference between sample means of more than two populations ?

- (1) Factorial analysis
  (2) ANOVA
  (3) Z-test
  (4) S(z) h zl T t
  - (4) Student's T-test
- 47. What do you understand by the term  $'H_0'$  used in the research sector ?
  - (1) The solution statement of the problem that scholar think of
  - (2) The alternate solution statement of the problem
  - (3) Both (1) and (2)
  - (4) None of the above
- **48.** Parametric statistical test can be applied on the data measurement scale .....
  - (1) Ordinal data (2) Ratio data (3) Nominal data (4) All of the above
- **49.** Variance  $(\sigma_s^2)$  of a sample data can be determined through using which of the following formula ?
  - (1) Standard deviation  $\times$  mean
  - (2) Standard deviation × standard deviation
  - (3) Standard deviation / mean
  - (4) None of the above
- **50.** A research variable will be called as 'taxonomic variable', when observations is recorded in which of the following scale ?
  - (1) Nominal Scale (2) Ordinal Scale
  - (3) Interval Scale (4) Ratio Scale
- **51.** Grissini is another name for :
  - (1) small brioches (2) melba toast
  - (3) thin breadsticks (4) slices of French bread
- 52. The machine that dispenses soft drinks is called a :
  - (1) pre-mix.(2) post-mix.(3) prep mixer.(4) distributor

5	B. Which is the correct liqueur for making Cafe Calypso ?				
	(1) Kahlua	(2) Curacao	(3) Tia Maria	(4) Ron Bacardi	
54	1. Silverware can be	e polished using whi	ch of the following s		
	(1) Gueridon	(2) Helitherm	(3) Ganymede	(4) Polivit	
55	(1) 750 degrees l	inder proof	alcoholic strength sh (2) neutral grain	lows Scotch whisky to be : spirit	
56.	(3) 250 over proc		(4) 40% by volu	ne	
50.	<ul><li>(1) Fattened goos</li><li>(3) Duck livers in</li></ul>		<ul><li>(2) Best quality calf's liver</li><li>(4) Venison flesh and salt pork fat</li></ul>		
57.					
	(1) Flor	(2) Grog	(3) Light Rum	(4) Gold Rum	
58.	succenting	g is smoked over :			
	(1) Rosewood	(2) Pinewood	(3) Coal	(4) Mahogany	
59.	Love apple refers to a fruit called :				
	(1) Green Apple	(2) Pineapple	(3) Tomato	(4) Cherry	
60.	Wine with disagree	eable aroma and tast	e :		
	(1) Closed	(2) Chewy	(3) Clean	(4) Elegant	
61	Which manage to the	1			

# **61.** Which research technique is well suited as a means and method for consensus-building by using a series of questionnaires to collect data from a panel of selected subjects ?

- (1) Focused group interview technique
- (2) Discussion and debate technique
- (3) Delphi technique

C

- (4) None of the above
- 62. Which one of the following is presenting the exact sequence for citation of a Journal?
  - (1) Author(s), article title, journal title, date of publication and page number(s)
  - (2) Author(s), journal title, article title, date of publication and page number(s)
  - (3) Author(s), article title, date of publication, journal title and page number(s)
  - (4) None of the above is true

# MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(C)

- 8
  - 63. APA stands for :
    - (1) American Physiological Association
    - (2) American Psychological Association
    - (3) American Philosophical Association
    - (4) All of the above
  - 64. The term 'Paraphrasing' means :
    - (1) Using same to same words as author/s has written while writing quotation in a research paper.
    - (2) Apply your own words/sentences to describe other's research works.
    - (3) All of the above are true
    - (4) None of the above is true
  - **65.** Which one is *not* a referencing style ?
    - (1) MLA (Modern Language Association of America)
    - (2) APA (American Psychological Association)
    - (3) ACS (American Chemical Society)
    - (4) TCA (Texas Council Association)

66. Citation Style "Timothy et al. (1987)" is used when numbers of authors are :

- (1) 3 or more than 3 (2) 4 or more than 4
- (3) 5 or more than 5 (4) 6 or more than 6
- 67. According to you, which is the true statement regarding Research Title ?
  - (1) Title of the study is nothing that only nomenclature of the topic
  - (2) Title of the study is always presented in sentence form or statement form
  - (3) The words are to be simple and understandable
  - (4) All of the above
- **68.** Parenthetical referencing style is a style of :
  - (1) In-text citation (2) Footnote citation
  - (3) End note citation (4) None of the above
- **69.** References are necessary while writing articles / research papers, because :
  - (1) It supports your arguments and gives credibility to the information provided by you.
  - (2) It enables your tutors to check the accuracy and validity of the evidence presented.
  - (3) It supports your work to avoid accusations of plagiarism.
  - (4) All of the above

9 **70.** Which of the following is *not* a 'Citation Software' ? (1) Mendeley (2) RefWorks (3) Zotero (4) Kesovo **71.** Which one of the following is *not* computer application software ? (1) MS Office (2) Firefox (3) Libra Office Suite (4) The Linux 72. Which of the scaling technique comes under 'Ranking Scale' ? (1) The graphic rating scale (2) The itemized rating scale (3) Method of paired comparison (4) All of the above 'Summated Scale' was developed under which scale construction approach ? 73. (1) Consensus scale approach (2) Item analysis approach (3) Cumulative scale approach (4) Arbitrary approach Using which data collection tool, face to face interaction between respondents and data 74. collectors do not take place ? (1) Schedule (2) Interview (3) Participatory observation (4) None of the above In higher secondary exam (2017), the students of Haryana School Board have secured 75. more than 75%. It is an example of : (1) One tail test (2) Two tail test (4) All of the above (3) Non-directional test Tests concerned with using selected sample data compared with population data in a 76. variety of ways are called : (1) Descriptive Statistical Test (2) Inferential Statistical Test (3) Both Descriptive and Inferential Statistical Test (4) All of the above Autoregressive Integrated Moving Average (ARIMA) statistics is a Box-Jenkins 77. approach to : (2) Discrimination analysis (1) Time series analysis

(3) Cluster analysis (4) None of the above

## MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(C)

C

P. T. O.

~ ~			<u>_</u>
7	8. Carom or Thymot seeds are called :		6
	(1) Fennel	(2) Cumin	
	(3) Ajwain	(4) None of the	ese
7	9. Yeast is killed at a temperature of abo	out :	
	(1) $70^{\circ}$ C (2) $65^{\circ}$ C	(3) 75°C	(4) None of these
80	<ol> <li>Black fungus is also known as :</li> </ol>		
	(1) Shitake	(2) Maitake	
	(3) Enoki	(4) Cloud ear fu	ingus
81	The Ecotel implications the 3 R's - R	laduca	and Paquala in d. i
	day operation.		and Recycle in their day to
	(1) Remain (2) Reuse	(3) Remind	(4) Remember
82	. What is the full form of AIL?		
	(1) All India Ltd.	(2) Air India Lto	1.
	(3) Area Inventory List	(4) Artificial Inte	elligence
83.	What is Rack Rate ?		_
	(1) Lowest cost of accommodation		
	(2) The full cost of Holiday package		
	(3) The Published cost of accommodal		
	(4) Cost of accommodation plus break	fast	
84.	Overbooking is :		
	(1) Assigning more rooms per guest		
	(2) Ensuring the hotel achieves the man	ximum rate per roon	11
	(3) Determining the number of rooms t	hat are available for	" sale
	(4) The process of selling more rooms	than are actually ava	ailable
85.	The cash amount provided by the hotel		
	(1) Petty Cash (2) Impress cash	(3) (3 1 m -	(4) Guest account
86.	What is the term used for the upper limit		
	(1) House Limit	(2) Credit Limit	xiended to a guest?
	(3) Visitor Paid out	(4) Folio Limit	
PH/P	HD/URS-EE-2020/(Hotel Mot.)(SFT.)		

87. 88.	The collection of same type of accounts(1) Ledger(2) AllowancesOccupancy percentage multiplied by AI(1) Rev Par(2) ADR	(3) Folio DR is called :	(4) Voucher
89.	<ul> <li>Concierge service are normally part of :</li> <li>(1) Sales department</li> <li>(2) The Reservation department</li> <li>(3) The Room division</li> <li>(4) Food and beverage division</li> </ul>	(3) House Limit	(4) Rack Rate
90.	<ul><li>The term HWC would be used for a :</li><li>(1) Walk in Guest</li><li>(3) Sick Guest</li></ul>	<ul><li>(2) Fussy Guest</li><li>(4) None of the above</li></ul>	/e
91.	Which 'Parametric Test' is implemented	to compare mean va	lue of some variable

- **91.** Which 'Parametric Test' is implemented to compare mean value of some variables of interest between independent groups ?
  - (1) Wald-Wolfowitz Runs test
  - (2) T-test for independent samples
  - (3) Mann- Whitney U test

С

- (4) Kolmogorov-Smirnov two sample test
- **92.** In which 'Non-Parametric Test' data can be ranked from highest to lowest or lowest to highest values ?
  - (1) Mann-Whitney U test
  - (2) Kolmogorov-Smirnov two sample test
  - (3) Wald-Wolfowitz Runs test
  - (4) Chi-Square test
- **93.** Which 'Non-Parametric Test' will be applied to compare two variables measured in the same sample ?
  - (1) Wald-Wolfowitz Runs test
  - (2) T-test for independent samples
  - (3) Mann-Whitney U test
  - (4) Sign Test

# 1PH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(C)

11

12

- 94. If more than two variables are measured in the same sample, which 'Parametric Test' will be used ?
  - (1) Chi-Square test
  - (2) T-test for independent samples
  - (3) Repeated measures ANOVA
  - (4) Wilcoxon's matched paired test
- 95. The minimum number of sample size at which researcher become restricted to use only 'Non-Parametric Test' is :
  - (1) 10(2) 5 (3) 6(4) 8
- 96. In which test, rather than standard deviation, 'variance' of standard population is used to find out statistical inferences ?
  - (1) Student T-test (2) Z-test
  - (3) F-test (4) T-test for independent samples
- 97. Which 'Inferential Statistical Tool' is implemented in the both Parametric and Nonparametric Test ?
  - (1) Factor analysis (2) Z-test (3) T-test (4) Chi-Square test
- 98. When one uses 'Spearman Rank Coefficient' method, what inference is drawn if the calculated value is as '0.75' ?
  - (1) Good positive correlation between X and Y variables
  - (2) Perfect positive correlation between X and Y variables
  - (3) Minimum positive correlation between X and Y variables
  - (4) None of the above is true

99. 'Chi-Square', a statistical measure, cannot be used for which one of the following test?

- (1) Test the goodness of fit
- (2) Test the significance of association between two attributes
- (3) Test the homogeneity or the significance of population variance
- (4) Test some variance of interest between two independent groups

100.  $\chi^2 = \sum \frac{(O_{ij} - E_{ij})^2}{E_{ii}}$ , this formula of statistical measure is used in :

- (2) Non-Parametric test (1) Parametric test
- (3) Both (a) and (b) (4) None of the above

	Total No. of Printed	Pages : 13
(DO N	OT OPEN THIS QUESTION BOOKLET BEFORE TIME OR UN	ITIL YOU
	ARE ASKED TO DO SO)	
D	M.Phil./Ph.D./URS-EE-2020	SET-Y
Conception and an an		

SUBJECT : Hotel Management

10016

		Sr. No.
Time : <b>1¼ Hours</b> Roll No. (in figures)	Max. Marks : <b>100</b> (in words)	Total Questions : 100
Name	Father's Name	
Mother's Name		

(Signature of the Candidate)

(Signature of the Invigilator)

#### CANDIDATES MUST READ THE FOLLOWING INFORMATION/INSTRUCTIONS BEFORE STARTING THE QUESTION PAPER.

#### 1. All questions are compulsory.

- 2. The candidates *must return* the question booklet as well as OMR Answer-Sheet to the Invigilator concerned before leaving the Examination Hall, failing which a case of use of unfair-means / mis-behaviour will be registered against him / her, in addition to lodging of an FIR with the police. Further the answer-sheet of such a candidate will not be evaluated.
- 3. Keeping in view the transparency of the examination system, carbonless OMR Sheet is provided to the candidate so that a copy of OMR Sheet may be kept by the candidate.
- 4. Question Booklet along with answer key of all the A, B, C & D code will be got uploaded on the University website after the conduct of Entrance Examination. In case there is any discrepancy in the Question Booklet/Answer Key, the same may be brought to the notice of the Controller of Examination in writing/through E.Mail within 24 hours of uploading the same on the University Website. Thereafter, no complaint in any case, will be considered.
- 5. The candidate *must not* do any rough work or writing in the OMR Answer-Sheet. Rough work, if any, may be done in the question booklet itself. Answers *must not* be ticked in the question booklet.
- 6. There will be no negative marking. Each correct answer will be awarded one full mark. Cutting, erasing, overwriting and more than one answer in OMR Answer-Sheet will be treated as incorrect answer.
- 7. Use only Black or Blue Ball Point Pen of good quality in the OMR Answer-Sheet.
- 8. Before answering the questions, the candidates should ensure that they have been supplied correct and complete booklet. Complaints, if any, regarding misprinting etc. will not be entertained **30** minutes after starting of the examination.

				1
1.	The Ecotel implic day operation.	ations the 3 R's - Re	educe,	and Recycle in their day to
	(1) Remain	(2) Reuse	(3) Remind	(4) Remember
2.	What is the full for	rm of AIL?		
	(1) All India Ltd.		(2) Air India Ltd.	
	(3) Area Inventor	y List	(4) Artificial Intel	ligence
3.	<ul><li>(1) Lowest cost of</li><li>(2) The full cost of</li><li>(3) The Published</li></ul>	faccommodation		
4.	(3) Determining th	re rooms per guest otel achieves the may ne number of rooms t f selling more rooms	hat are available for s	
5.	The cash amount p	provided by the hotel	to the cashier for dail	y transaction is called :
	(1) Petty Cash	(2) Impress cash	(3) Cash Bank	(4) Guest account
6.	<ul><li>What is the term us</li><li>(1) House Limit</li><li>(3) Visitor Paid out</li></ul>		t of credit facility ex (2) Credit Limit (4) Folio Limit	tended to a guest ?
7.	The collection of s	ame type of accounts	is called :	
<i>y</i> .	(1) Ledger	(2) Allowances	(3) Folio	(4) Voucher
8.	Occupancy percent	age multiplied by AI	OR is called :	
	(1) Rev Par	(2) ADR	(3) House Limit	(4) Rack Rate
9.	<ul> <li>Concierge service a</li> <li>(1) Sales departme</li> <li>(2) The Reservatio</li> <li>(3) The Room divi</li> <li>(4) Food and bever</li> </ul>	n department sion		

## MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(D)

P. T. O.

1

- **10.** The term HWC would be used for a :
  - (1) Walk in Guest (2) Fussy Guest
  - (3) Sick Guest (4) None of the above
- 11. Which one of the following is *not* computer application software?
  - (1) MS Office (2) Firefox
  - (3) Libra Office Suite (4) The Linux
- 12. Which of the scaling technique comes under 'Ranking Scale' ?
  - (1) The graphic rating scale (2) The itemized rating scale
  - (3) Method of paired comparison (4) All of the above
- 13. 'Summated Scale' was developed under which scale construction approach ?
  - (1) Consensus scale approach (2) Item analysis approach
  - (3) Cumulative scale approach (4) Arbitrary approach
- **14.** Using which data collection tool, face to face interaction between respondents and data collectors do not take place ?
  - (1) Schedule (2) Interview
  - (3) Participatory observation (4) None of the above
- **15.** In higher secondary exam (2017), the students of Haryana School Board have secured more than 75%. It is an example of :
  - (1) One tail test (2) Two tail test
  - (3) Non-directional test (4) All of the above
- **16.** Tests concerned with using selected sample data compared with population data in a variety of ways are called :
  - (1) Descriptive Statistical Test
  - (2) Inferential Statistical Test
  - (3) Both Descriptive and Inferential Statistical Test
  - (4) All of the above
- 17. Autoregressive Integrated Moving Average (ARIMA) statistics is a Box-Jenkins approach to :
  - (1) Time series analysis (2) Discrimination analysis
  - (3) Cluster analysis (4) None of the above

18.	Carom or Thymot s (1) Fennel	seeds are called : (2) Cumin	(3) Ajwain	(4) None of these
19.	Yeast is killed at a (1) 70°C	temperature of about (2) 65°C	(3) 75°C	(4) None of these
20.	Black fungus is also (1) Shitake	o known as : (2) Maitake	(3) Enoki	(4) Cloud ear fungus

**21.** Which research technique is well suited as a means and method for consensus-building by using a series of questionnaires to collect data from a panel of selected subjects ?

- (1) Focused group interview technique
- (2) Discussion and debate technique
- (3) Delphi technique
- (4) None of the above
- 22. Which one of the following is presenting the exact sequence for citation of a Journal ?
  - (1) Author(s), article title, journal title, date of publication and page number(s)
  - (2) Author(s), journal title, article title, date of publication and page number(s)
  - (3) Author(s), article title, date of publication, journal title and page number(s)
  - (4) None of the above is true
- 23. APA stands for :
  - (1) American Physiological Association
  - (2) American Psychological Association
  - (3) American Philosophical Association
  - (4) All of the above
- 24. The term 'Paraphrasing' means :
  - (1) Using same to same words as author/s has written while writing quotation in a research paper.
  - (2) Apply your own words/sentences to describe other's research works.
  - (3) All of the above are true
  - (4) None of the above is true

4

- **25.** Which one is *not* a referencing style ?
  - (1) MLA (Modern Language Association of America)
  - (2) APA (American Psychological Association)
  - (3) ACS (American Chemical Society)
  - (4) TCA (Texas Council Association)
- 26. Citation Style "Timothy et al. (1987)" is used when numbers of authors are :
  - (1) 3 or more than 3 (2) 4 or more than 4
  - (3) 5 or more than 5 (4) 6 or more than 6
- 27. According to you, which is the true statement regarding Research Title ?
  - (1) Title of the study is nothing that only nomenclature of the topic
  - (2) Title of the study is always presented in sentence form or statement form
  - (3) The words are to be simple and understandable
  - (4) All of the above
- 28. Parenthetical referencing style is a style of :
  - (1) In-text citation (2) Footnote citation
  - (3) End note citation (4) None of the above
- 29. References are necessary while writing articles / research papers, because :
  - (1) It supports your arguments and gives credibility to the information provided by you.
  - (2) It enables your tutors to check the accuracy and validity of the evidence presented.
  - (3) It supports your work to avoid accusations of plagiarism.
  - (4) All of the above
- **30.** Which of the following is *not* a 'Citation Software' ?
  - (1) Mendelev (2) RefWorks (3) Zotero (4) Kesovo
- **31.** Which 'Parametric Test' is implemented to compare mean value of some variables of interest between independent groups ?
  - (1) Wald-Wolfowitz Runs test
  - (2) T-test for independent samples
  - (3) Mann- Whitney U test
  - (4) Kolmogorov-Smirnov two sample test

- D
- **32.** In which 'Non-Parametric Test' data can be ranked from highest to lowest or lowest to highest values ?
  - (1) Mann-Whitney U test
  - (2) Kolmogorov-Smirnov two sample test
  - (3) Wald-Wolfowitz Runs test
  - (4) Chi-Square test
- **33.** Which 'Non-Parametric Test' will be applied to compare two variables measured in the same sample ?
  - (1) Wald-Wolfowitz Runs test (2) T-test for independent samples
  - (3) Mann-Whitney U test (4) Sign Test
- **34.** If more than two variables are measured in the same sample, which 'Parametric Test' will be used ?
  - (1) Chi-Square test (2) T-test for independent samples
  - (3) Repeated measures ANOVA (4) Wilcoxon's matched paired test

**35.** The minimum number of sample size at which researcher become restricted to use only 'Non-Parametric Test' is :

- (1) 10 (2) 5 (3) 6 (4) 8
- **36.** In which test, rather than standard deviation, 'variance' of standard population is used to find out statistical inferences ?
  - (1) Student T-test
    (2) Z-test
    (3) F-test
    (4) T-test for independent samples
- **37.** Which 'Inferential Statistical Tool' is implemented in the both Parametric and Non-parametric Test ?
  - (1) Factor analysis (2) Z-test
  - (3) T-test (4) Chi-Square test
- **38.** When one uses 'Spearman Rank Coefficient' method, what inference is drawn if the calculated value is as '0.75' ?
  - (1) Good positive correlation between X and Y variables
  - (2) Perfect positive correlation between X and Y variables
  - (3) Minimum positive correlation between X and Y variables
  - (4) None of the above is true

6

- **39.** 'Chi-Square', a statistical measure, cannot be used for which one of the following test?
  - (1) Test the goodness of fit
  - (2) Test the significance of association between two attributes
  - (3) Test the homogeneity or the significance of population variance
  - (4) Test some variance of interest between two independent groups
- **40.**  $\chi^2 = \sum \frac{(O_{ij} E_{ij})^2}{E_{ii}}$ , this formula of statistical measure is used in :
  - (2) Non-Parametric test (1) Parametric test
  - (4) None of the above (3) Both (a) and (b)
- 41. Grissini is another name for :
  - (2) melba toast (1) small brioches
  - (4) slices of French bread (3) thin breadsticks
- The machine that dispenses soft drinks is called a : 42.
  - (2) post-mix. (1) pre-mix.
  - (4) distributor (3) prep mixer.

Which is the correct liqueur for making Cafe Calypso? 43.

- (4) Ron Bacardi (3) Tia Maria (1) Kahlua (2) Curacao
- 44. Silverware can be polished using which of the following systems ?
  - (4) Polivit (1) Gueridon (2) Helitherm (3) Ganymede

45. The Gay-Lussac system of measuring alcoholic strength shows Scotch whisky to be :

- (1) 750 degrees under proof (2) neutral grain spirit
- (3) 250 over proof (4) 40% by volume
- 46. Real pate de foie gras is made from :
  - (1) Fattened goose liver
  - (2) Best quality calf's liver
  - (3) Duck livers in a pastry crust
  - (4) Venison flesh and salt pork fat
- 47. Rum plus water is equal to :

(1) Flor (2) Grog

(3) Light Rum

(4) Gold Rum

D

48.	Lapsang Sauchang (1) Rosewood	is smoked over : (2) Pinewood	(3) Coal	(4) Mahogany			
49.	Love apple refers to (1) Green Apple		(3) Tomato	(4) Cherry			
50.	Wine with disagree (1) Closed	eable aroma and taste (2) Chewy	: (3) Clean	(4) Elegant			
51.	Currency of Egypt (1) Euro	: (2) Pound	(3) Dollar	(4) Peso			
52.	Which one is the e (1) Galileo	xample of CRS ? (2) Sabre	(3) Amadeus	(4) Image			
53.	Which of the follor (1) American Plar (3) European Plan	1	<ul><li>includes a room only, no meals ?</li><li>(2) Modified American Plan</li><li>(4) Modified European Plan</li></ul>				
54.	Total room sales d (1) Rack rate (3) Daily report	ivided by the number	(2) Room occupan	rooms sold represents : 2) Room occupancy percentage 4) Average daily rate			
55.		is used as the beau (2) Corporate rate	nchmark quotation of (3) Rack rate	a hotel's room rate. (4) Discount rate			
56.	<ul><li>Which of the follo</li><li>(1) Employees</li><li>(3) Owners</li></ul>	wing is a source of d	emands placed on ine (2) Regulatory ag (4) All of the abo	encies			
57.	Currently 180 rooms are occupied in hotel Sonipat while the total number of sellable rooms are 500. Today there are 60 arrivals and 40 departures are expected later during the day. What is the occupancy percentage at this point of time :						
	(1) 36%	(2) 24%	(3) 44%	(4) 40%			
58.	rate for each room		al room revenue of t	occupied on 12th June. Rack he hotel for the above given			
	(1) 11,670/-	(2) 12,000/-	(3) 9,570/-	(4) 14,634/-			

#### MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(D)

P. T. O.

8				0.000	
59	<ol> <li>(1) bacon rolls, me</li> <li>(2) gravy, bread sa</li> <li>(3) redcurrant jelly</li> <li>(4) cranberry sauce</li> </ol>	paniments for roast gr eatballs, jus lie, heart- nuce, fried breadcrum y, grapes, slices of kiv e, chestnuts, thyme an	bs, g vi-fr nd pa	ame chips, wate uit, horseradish s arsley stuffing, cl	sauce
60	Horseradish sauce	should be offered wh	en se	erving :	
00	(1) smoked macke		(2)	wiener schnitze	el
	<ul><li>(1) sinoked interview</li><li>(3) fried whitebait</li></ul>		(4)	roast leg of lam	ıb
61.			$(\mathbf{a})$	Denstiel	(4) Relish fork
	(1) Swizzle stick	(2) Sizzle stick	(3)	Bar stick	(+) Relistrioik
62.	A KOT used for w	rong dish :			
U	(1) Accident KOT		(2)	Supplement KC	TC
				None of the abo	
	(3) En place		(1)	rione of the test	
63.	The life of an open	vermouth Bottle is :			
	(1) 3 months	(2) 6 months	(3)	2 years	(4) 1 year
		lutal of a			
64.	Gin is the national		$\langle \mathbf{a} \rangle$		
	(1) England	(2) Holland	(3)	Scotland	(4) USA
65.	The other name of	Tennesse whiskey :			
	(1) Sweet mash wh		(2)	Sour mash whi	skey
	(3) Sweet and sour			All of the abov	·
			(-)		
66.	Grappa is a Brandy	from :			
	(1) Italy	(2) Spain	(3)	Germany	(4) France
07	The heat tabassa is	from .			
67.	The best tobacco is				
	(1) Brazil	(2) Cuba	(3)	USA	(4) Chile
68.	The oil obtained fro	m rapeseed ·			
	(1) Farina	<u>^</u>	$(\mathbf{n})$	Dlat	(A) Confit
	(i) ranna	(2) Canola	(3)	Blinis	(4) Confit
69.	Storage temperature	e of broccoli :			
	(1) 4-5 degree C		(2)	8-10 degree C	
			(~)	o io degree e	

(4) 5-30 degree C

# MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(D)

(3) 3-15 degree C

- **70.** Which assumption is *not* considered while one implementing 'Parametric Test' in his research ?
  - (1) The observations must be drawn from normally distributed populations
  - (2) Population must have the same variances
  - (3) The observations must be independent
  - (4) Variable under study has underlying continuity
- **71.** Which of the following condition does *not* fulfill the criteria for Chi-square ( $\chi^2$ ) test statistics ?
  - (1) Observations recorded and used are collected on a random basis
  - (2) All the items in the sample must be independent
  - (3) No group should contain less than 10 items
  - (4) The constraints must not be linear
- 72. Which of the following is *not* synonym of Cluster Analysis ?
  - (1) Q-analysis (2) Clumping (3) Grouping (4) X-analysis
- **73.** The analysis method, used as the basis of the classification a description of the object in terms of a number of characteristics or variables, is known as :
  - (1) Discrimination analysis (2) Factor analysis
  - (3) Cluster analysis (4) None of the above
- 74. Inferential Statistics is associated with .....
  - (1) Estimating numerical characteristics of the data
  - (2) Describing associations within the data
  - (3) Modelling relationships within the data
  - (4) All of the above
- 75. Which of the following inferential statistical technique has been developed by 'R A Eisher' ?
  - (1) Z-test (2) ANOVA (3) T-test (4) Factor analysis

# **76.** Which technique is used to determine whether, there is significant difference between sample means of more than two populations ?

- (1) Factorial analysis (2) ANOVA
- (3) Z-test (4) Student's T-test

# MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(D)

P. T. O.

0

- 77. What do you understand by the term  $'H_0'$  used in the research sector ?
  - (1) The solution statement of the problem that scholar think of
  - (2) The alternate solution statement of the problem
  - (3) Both (1) and (2)
  - (4) None of the above

**78.** Parametric statistical test can be applied on the data measurement scale ......

- (1) Ordinal data (2) Ratio data
- (3) Nominal data (4) All of the above
- **79.** Variance  $(\sigma_s^2)$  of a sample data can be determined through using which of the following formula ?
  - (1) Standard deviation  $\times$  mean
  - (2) Standard deviation  $\times$  standard deviation
  - (3) Standard deviation / mean
  - (4) None of the above

**80.** A research variable will be called as 'taxonomic variable', when observations is recorded in which of the following scale ?

- (1) Nominal Scale (2) Ordinal Scale
- (3) Interval Scale (4) Ratio Scale
- **81.** CPR is a term commonly associated with :
  - (1) Stock taking (2) Spring cleaning
  - (3) Pest Control (4) Artificial respiration

82. A conscious business decision of moving internal work to an external provider :

- (1) ODC (2) Work transfer
- (3) Outsourcing (4) Contract
- **83.** Which of the following is considered while determining staff strength for the department?
  - (1) The type of hotel
  - (2) The volume of work to be done
  - (3) The time when the work area is available
  - (4) All of the above

D

- 84. A description that lays down the required quality levels for employees' performance is (1) Productivity standards (2) Performance standards (3) Quality standards (4) None of the above **85.** Lead- time quantity + safety stock level =
  - (1) Minimum inventory quantity
  - (2) Maximum inventory quantity
  - (3) Emergency inventory quantity
  - (4) Par level quantity
- Guest supplies that are not normally found in a guestroom, but available upon request 86.
  - (1) Guest amenities (2) Guest expendables
  - (3) Guest deliverables (4) Guest loan items
- Calculate the number of room attendant and floor supervisor that is required for 800 87. rooms on 8 floors in a resort hotel.
  - (1) 96, 23 (2) 88, 19 (3) 80, 24 (4) 104, 24

#### Full form of HVAC : 88.

- (1) Heat Ventil Air Condition
- (2) Heating Ventilation Air Conditioning
- (3) Heated Ventilated Air Conditioner
- (4) Heavy Vehicular Air Conditioner
- Refer to fabric that does not shed ..... or small fibres is known as. 89.
  - (3) Thread (1) Uniform (2) Lint (4) None

..... items include guest amenities, cleaning supplies and smaller pieces of 90. equipments.

- (2) Recycle inventory (1) Non recycle inventory
- (4) Maximum inventory (3) Minimum inventory
- If one presents one's research work through PowerPoint Presentation Software, which 91. of the following option does not come when click on 'Slide Show Menu Bar' ?
  - (2) From Current slide (1) From Beginning
  - (4) Custom slide show (3) End slide show
- MPH/PHD/URS-EE-2020/(Hotel Mgt.)(SET-Y)/(D)

12				5
	2. Zoom option is used to see the slide La	arger/	bigger. Zoom op	tion can be found in which
9)	of the following menu bar in a PPT:	(3)	) Design	(4) Home
93	<ol> <li>In variable view of SPSS Software, wh</li> </ol>	nich c	column is used to	write a complete question
30	of the questionnaire ? (1) Values (2) Level	(3)	Measure	(4) Type
94	. The data entered into 'Type' column	of v	ariable view of	SPSS software could be
	<ul><li>in :</li><li>(1) Numeric form</li><li>(3) Scientific notation</li></ul>	(2)	String form All of the above	
95	. 'Ex-post-facto' research is also known a	is :		
	(1) Descriptive Research	(2)	Applied Researc	h
	(3) Fundamental Research	(4)	Action Research	
96.	Which technical term is used, when we minimizes the effect of extraneous indep (1) Treatment (3) Factor design	pende (2)	ign the research ent variables ? Control None of the abov	
97.	The different conditions under which e conclusion is usually referred as :	exper	imental and cont	rol groups are put to get
	(1) Experimental Unit	(2)	Confounded rela	tionship
	(3) Treatments	(4)	None of the above	ve
98.	Which one of the following is <i>not</i> an exp	perin	ental design?	
	(1) Principle of randomization	(2)	Principle of repli	cation
	(3) Principle of local control	(4)	Principle of expe	ctation
99.	The analysis of Latin Square Design technique ?	is	very similar to	which of the following
	(1) One-way ANOVA	(2)	Two-way ANOV	ΥA
	(3) MANOVA	(4)	None of the abov	e
100.	Which of the following error may also be	e kno	wn as 'External N	Aeasurement Error' ?
	(1) Measurer		Measuring instru	
	(3) Respondent		All of the above	

Code A			Code B		Code C			Code D	
Ques	Ans		Ques	Ans	Ques	Ans		Ques	Ans
1	D		1	D	1	В		1	С
2	С		2	С	2	С		2	В
3	D		3	B	3	C		3	D
4	B		4	D	4	D		4	D
5	A		5	A	5	C		5	A
6	D		6	В	6	D		6	В
	D		7	A	7	A		7	C
8	B		8	C	8	C		8	D
9	B		9	D	9	В		9	В
10	A		10	D	10	A		10	C
10	B		10	C	10	C		10	D
11	C		11	B	11	В		11	C
13	c C		12	C	12	D		12	D
	D			D					B
14			14		14	D		14	
15	В		15	D	15	A		15	A
16	A		16	A	16	B		16	D
17	A		17	В	17	С		17	D
18	A		18	В	18	D		18	В
19	С		19	С	19	В		19	В
20	С		20	С	20	С		20	А
21	В		21	С	21	В	ļ	21	В
22	С		22	В	22	С		22	А
23	С		23	D	23	С		23	D
24	D		24	D	24	D		24	С
25	С		25	A	25	В		25	С
26	D		26	В	26	A		26	В
27	A		27	С	27	A		27	D
28	С		28	D	28	A		28	А
29	В		29	В	29	С		29	D
30	A		30	С	30	С		30	В
31	С		31	В	31	В		31	А
32	В		32	С	32	А		32	D
33	С		33	С	33	D		33	A
34	D		34	D	34	С		34	А
35	D		35	С	35	C		35	В
36	A		36	D	36	B		36	A
	В		37	A	37	D		37	В
38	B		38	C	38	A		38	A
39	C		39	B	39	D		39	A
40	C C		40	A	40	B		40	D
40	A		40	C	40	D		40	D
41 42	A D		41	A	41 42	C		41 42	D
42	A		42	B	42	D		42	C
43	A		43	B	43	B		43	D
44 45	A B			D		A			B
			45		45			45	
46	A		46	D	46	D		46	B
47	B		47	D	47	D		47	A
48	A		48	A	48	B		48	В
49	A		49	D	49	В		49	В
50	D		50	D	50	A		50	A
51	В		51	В	51	D	ļ	51	С
52	A		52	С	52	С	ļ	52	В
53	D		53	С	53	В	ļ	53	С
54	С		54	D	54	D		54	D
 55	С		55	В	55	A		55	D
 56	В		56	А	56	В		56	А
 57	D		57	А	57	A		57	В
 58	А		58	A	58	С		58	В
50	D	_	59	С	59	D	Γ	59	С
59									
60	B		60	C	60	D		60	С

T	6.0		62					
	62	D	62	A	62	D	62	
	63	С	63	D	63	A	63	
	64	D	64	С	64	A	64	
	65	В	65	С	65	В	65	
	66	В	66	В	66	А	66	
	67	A	67	D	67	В	67	
	68	В	68	A	68	A	68	A
	69	В	69	D	69	A	69	
	70	A	70	В	70	D	70	D
	71	С	71	D	71	D	71	В
	72	A	72	С	72	D	72	C
	73	В	73	D	73	С	73	С
	74	В	74	В	74	D	74	D
	75	D	75	A	75	В	75	C
	76	D	76	D	76	В	76	D
	77	D	77	D	77	А	77	A
	78	A	78	В	78	В	78	C
	79	D	79	В	79	В	79	В
	80	D	80	A	80	А	80	A
	81	С	81	D	81	С	81	D
	82	В	82	D	82	В	82	C
	83	D	83	С	83	С	83	В
	84	D	84	D	84	D	84	D
	85	A	85	В	85	D	85	A
	86	В	86	В	86	А	86	В
	87	С	87	A	87	В	87	A
	88	D	88	В	88	В	88	С
	89	В	89	В	89	С	89	D
	90	С	90	A	90	С	90	D
	91	D	91	A	91	С	91	
	92	С	92	D	92	А	92	
	93	В	93	A	93	В	93	С
	94	D	94	A	94	В	94	
	95	A	95	В	95	D	95	
	96	В	96	A	96	D	96	
	97	A	97	В	97	D	97	
	98	С	98	A	98	А	98	
	99	D	99	A	99	D	99	
				1 1				