Total No. of Printed Pages : 13

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10649

Sr. No.

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	
а.		

(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 Invigilate 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 Examinations in writing/through E.Mail (coe@mdurohtak.ac.in) 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.

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Directions : For Questions 1-5 fill in the blanks with correct prepositions :

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1.	The Dog sprang (1) From	the table. (2) On	(3) At	· (4) Upon
2.	One must take pride	(2) With	one's country.	(4) For
	(1) III		(5) 11	
3.	I met Ajay (1) In	the way. (2) Of	(3) On	(4) At
4.	The fool has parked (1) Beyond	his Jeep right (2) Within	(3) At	(4) On
5.	I never use an ATM (1) By	I card, I always settle (2) In	e bills cash (3) With	(4) To
Direc in me	tions : For Question aning to the underlin	s 6-10 . In each quest ned word.	tion select the approp	priate word that is opposite
6.	<u>Recession</u> is a major (1) Education	or cause of Unemploy (2) Poverty	(3) Indigence	(4) Inflation
7.	Sagacious decisions (1) Foolish	s taken at right time i (2) Thoughtful	in career has long effe (3) Intelligent	ects. (4) Intuitive
8.	The Teacher rejecte (1) Reasonable	ed his <u>ludicrous</u> prop (2) Stupid	osal. (3) Farcical	(4) Awkward
9.	Squandering mone (1) Stealing	y is a bad habit. (2) Discarding	(3) Hoarding	(4) Donating
10.	Man's basic nature (1) Vibrant	is to be <u>ebullient</u> . (2) Exuberant	(3) Elated	(4) Woeful
Dire follo	ctions : For Questic wing :	ons 11-15. Tick mar	k the appropriate or	ne word equivalent in the
11.	A place where bird (1) Aquarium	s are kept. (2) Cage	(3) Aviary	(4) Sty
12.	A system of govern (1) Plutocracy	(2) Aristocracy	ts rule in the name of (3) Theocracy	God. (4) Purist P. T. O.
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13. A newly coined word or expression by an author. (4) Truism (3) Neologism (2) Philistine (1) Reticent The practice of writing dictionaries is called : 14. (2) Gerontology (1) Lexicography (4) Philology (3) Demography **15.** The study of ancient writing and scriptures : (2) Psephology (1) Numismatics (4) Calligraphy (3) Palaeography **Directions :** For Questions 16-20. Read the following sentence and tick mark the error. 16. He/will return/on either Monday or Tuesday./No error 4 3 2 1 17. Playing the / Piano and singing/ simultaneously/ are difficult. 3 2 1 **18.** Neither Smith/ nor Martin/ are responsible./No error 4 3 2 1 It is I/ who is / to make / a call. 19. 4 3 2 1 20. Mr. Haskins disliked/ me asking/ so many/ Questions. 3 2 1 Directions : For Questions 21-25. Pick out the correct word of the following to fill in the blank. We were not impressed by speaking softly. 21. (4) Us (3) Its (2) His (1) Him Last week our Clergyman reminded us that living the upright life a discipline. 22. (4) Can be (3) Will be (2) Was (1) Is He will not bring the car here without him. 23. (4) They tell (3) My telling (2) We tell (1) I tell

24.	Help yourself	whatever you	can use without v	vasting.
100 100 100	(1) With	(2) To	(3) In	(4) For
25.	Rahul was found	d to the requi	red qualifications	s for the job.
	(1) Contain	(2) Disclose	(3) Posses	(4) Acquire
26.	A dice is thrown 3 times is :	1 5 times, then the prob	bability that an ev	ven number will come up exactly
	(1) 5/16	(2) 1/2	(3) 3/16	(4) 3/2
27.	A certain numb finished in 15 d	er of men can do worl ays more. How many r	k in 45 days. If the men are there ?	here were 4 men less it could be
	(1) 28 men	(2) 16 men	(3) 24 men	(4) 20 men
28.	In a town of 10 newspaper B ar and C and 4% I of families whice	,000 families it was found 10% families buy ne buy A and C. If 2% fauch buy A only is :	ound that 40% far ewspaper C, 5% t milies buy all the	nily buy newspaper A, 20% buy families buy A and B, 3% buy B three newspapers, then number
	(1) 3100	(2) 3300	(3) 2900	(4) 1400
29.	Five coins who 12 is :	se faces are marked 2	, 3 are tossed. Th	ne chance of obtaining a total of
, ¹⁸	(1) 1/32	(2) 1/16	(3) 3/16	(4) 5/16
30.	The average sp driver decrease	eed of a car is 75 kmph s the average speed of	n. What will be th the car by 40 per	e average speed of the car, if the cent?
	(1) 50 kmph	(2) 45 kmph	(3) 40 kmph	(4) 55 kmph
31.	The work done and by a boy in days then in ho same work wor	by a woman in 8 hou 1 12 hours. If working ow many days can 12 king 8 hours per day?	rs is equal to the 6 hours per day men, 12 women	work done by a man in 6 hours 9 men can complete a work in 6 and 12 boys together finish the
	(1) $1\frac{1}{2}$ days	(2) $3\frac{1}{2}$ days	(3) 3 days	(4) 2 days
32.	How many eve 5, 6, 7, 8, 9 (rep	n numbers of 3 different betition is not allowed)	ent digits can be : ?	formed from the digits 1, 2, 3, 4,
n de la com Sector	(1) 224	(2) 280	(3) 324	(4) None of these
33.	If 40% of a nur	nber is 256, then what	is 25% of that nu	mber?
	(1) 260	(2) 150	(3) 160	(4) 210
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	Α	Α	
4.	The prices of a Car and a Motorcycle are in the ratio 7 : 5. If the Car costs 8000 USD more than a Motorcycle set, then the price of a Car set is :	41	I. Guru togeth
	(1) USD 10,000 (2) USD 42,000 (3) USD 28,000 (4) USD 32,000		they w
5.	The expenditure of a family for a certain month were as follows :		(1) A
	Food - Rs. 560, Rent - Rs. 420, Clothes - Rs. 180, Education - Rs. 160, Other items - Rs. 120	4:	(3) A 2. Five r
	A pie graph representing this data would show the expenditure for clothes by a sector whose angle equals :		In ho empty
	(1) 180 degree (2) 90 degree (3) 45 degree (4) 64 degree		(1) 24
6.	15 men would finish a piece of work in 210 days. But at the end of every 10 days, 15 additional men are employed. In how many days will it be finished ?	4:	3. There Micha
	(1) 30 days (2) 70 days (3) 35 days (4) 60 days		one of
87.	A box contains 100 tickets numbered 1, 2, 100. Two tickets are chosen at random. It is given that the maximum number on the two chosen tickets is not more than 10. The minimum number on them is 5 with probability :	4	(1) 3. 4. A box shirts
	(1) 1/8 (2) 13/15 (3) 1/7 (4) None of these		(1) 6
8.	In a battle 70% of the combatants lost one eye, 80% an ear, 75% an arm, 85% a leg, x % lost all the four limbs. The minimum value of x is :	4	5. Imag mana
	(1) 10 (2) 12 (3) 15 (4) None of these		day v
9.	Bhavani invested an amount of Rs. 13,900 divided in two different schemes, A and B at the simple interest rate of 14% per annum and 11% per annum respectively if the total		(1) 7
	amount of simple interest earned in two year be Rs. 3,508, what was the amount invested in Scheme B?	4	6. If Fat 20%
	(1) 6,400 (2) 6,500 (3) 7,200 (4) 7,900		disco profit
0.	In a factory there are three types of machines b1, b2, and b3 which produces 20%, 15%, and 32% of the total products respectively. Further, machines b1, b2, and b3		(1) 3
•	which produces 3%, 7%, and 2% defective products respectively. Find the percentage of non-defective products :	4	remai
	(1) 46% (2) 30% (3) 53% (4) 64%		have
-		FY	MOBA-E
	4. 5. 6. 7. 8.	 A The prices of a Car and a Motorcycle are in the ratio 7 : 5. If the Car costs 8000 USD more than a Motorcycle set, then the price of a Car set is : USD 10,000 USD 42,000 USD 28,000 USD 32,000 5. The expenditure of a family for a certain month were as follows : Food - Rs. 560, Rent - Rs. 420, Clothes - Rs. 180, Education - Rs. 160, Other items - Rs. 120 A pie graph representing this data would show the expenditure for clothes by a sector whose angle equals : 18. 120 A pie graph representing this data would show the expenditure for clothes by a sector whose angle equals : 18. 180 degree 9. 90 degree 17. A box contains 100 tickets numbered 1, 2, 100. Two tickets are chosen at random. It is given that the maximum number on the two chosen tickets is not more than 10. The minimum number on the so with probability : 19. 178. (2) 13/15 19. 177. (4) None of these 8. In a battle 70% of the combatants lost one eye, 80% an ear, 75% an arm, 85% a leg, x% lost all the four limbs. The minimum value of x is : 10. 10 12. 12 15. (4) None of these 9. Bhavani invested an amount of Rs. 13,900 divided in two different schemes, A and B at the simple interest carned in two year be Rs. 3,508, what was the amount invested in Scheme B ? 6, 16, 400 6, 500 7, 7, 200 10. The factory there are three types of machines b1, b2, and b3 which produces 20%, 15%, and 32% of the total products respectively. Further, machines b1, b2, and b3 which produces 3%, 7%, and 2% defective products respectively. Find the percentage of non-defective products : 10. 46% 20. 30% 20. 53% 40. 64% 	 A A 4. The prices of a Car and a Motorcycle are in the ratio 7 : 5. If the Car costs 8000 USD more than a Motorcycle set, then the price of a Car set is : (1) USD 10,000 (2) USD 42,000 (3) USD 28,000 (4) USD 32,000 5. The expenditure of a family for a certain month were as follows : Food - Rs. 560, Rent - Rs. 420, Clothes - Rs. 180, Education - Rs. 160, Other items - Rs. 120 A pie graph representing this data would show the expenditure for clothes by a sector whose angle equals : (1) 180 degree (2) 90 degree (3) 45 degree (4) 64 degree 6. I5 men would finish a piece of work in 210 days. But at the end of every 10 days, 15 additional men are employed. In how many days will it be finished ? (1) 30 days (2) 70 days (3) 35 days (4) 60 days 7. A box contains 100 tickets numbered 1, 2, 100. Two tickets are chosen at random. It is given that the maximum number on the two chosen tickets is not more than 10. The minimum number on them is 5 with probability : (1) 1/8 (2) 13/15 (3) 1/7 (4) None of these 8. In a battle 70% of the combatants lost one eye, 80% an ear, 75% an arm, 85% a leg, x% lost all the four limbs. The minimum value of x is : (1) 10 (2) 12 (3) 15 (4) None of these 9. Bhavani invested an amount of Rs. 13,900 divided in two different schemes, A and B at the simple interest rate of 14% per annum and 11% per annum respectively if the total amount of simple interest earned in two year be Rs. 3,508, what was the amount invested in Scheme B ? (1) 6,400 (2) 6,500 (3) 7,200 (4) 7,900 10. In a factory there are three types of machines b1, b2, and b3 which produces 20%, 15%, and 32% of the total products respectively. Further, machines b

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41. Guru and Chela walk around a circular path of 115 km in circumference, they start together from the same point. If they walk at speed of 4 and 5 kmph respectively, also they walk in the same direction, when will they meet ?

(1)	After 115 hours	 (2) After 125 hours
(3)	After 120 hours	(4) After 210 hours

A

42. Five racquets needs to be placed in three boxes. Each box can hold all the five racquets. In how many ways can the racquets be placed in the boxes so that no box can be empty, if all racquets are different but all boxes are identical ?

(1) 24 (2) 25 (3) 27 (4) 26

43. There are 12 copies of Beetles CDs, 7 copies of Pink Floyd CDs, 3 different CDs of Michael Jackson, and 2 different CDs of Madonna. Find the number of ways in which one or more than one CD can be selected ?

(1) 3388 (2) 3376 (3) 3366 (4) 3327

44. A box contains 2 white shirts, 3 black shirts, and 4 red shirts. In how many ways can 3 shirts be drawn from the box, if at least one black shirt is to be included in the draw?

(1) 60 (2) 40 (3) 64 (4) 82

45. Imagine that there are four hundred and fifty nine managers in a hotel. If the number of managers is enlarged by 36, the expenses of the food increased by Rs. eighty one per day while the average spending per head decreased by one. Find the original spending of the hotel on food ?

(1) 7344 (2) 7244 (3) 7044 (4) 7444

46. If Fatima sells 60 identical toys at a 40% discount on the printed price, then she makes 20% profit. Ten of these toys are destroyed in fire. While selling the rest, how much discount should be given on the printed price so that she can make the same amount of profit ?

(1) 30% (2) 25% (3) 24% (4) 28%

47. A merchant buys 80 articles, each at Rs. 40. He sells n of them at a profit of n% and the remaining at a profit of (100 - n)%. What is the minimum profit the merchant could have made on this trade ?

(1) Rs. 2,160 (2) Rs. 1,420 (3) Rs. 1,580 (4) Rs. 2,210 FYMOBA-EE-2022/(SET-X)/(A)

P. T. O.

Instructions for Question Nos. 48, 49 & 50 :

The pie chart given below represents the domestic expenditure of a family in percent. Study the chart and answer the following three questions (48, 49 & 50) if the total monthly income of the family is Rs. 33,650.



48.	The house rent per	month is :		
	(1) Rs. 6,000	(2) Rs. 6,152	(3) Rs. 6,057	(4) Rs. 6,048

49. After Provided fund deductions and payment of house rent, the total monthly income of the family remains :

(1) Rs. 23,545 (2) Rs. 24,435 (3) Rs. 23,555 (4) Rs. 25,355

- **50.** The total amount per month the family spends on food and entertainment combined together is :
 - (1) Rs. 11,432 (2) Rs. 11,441 (3) Rs. 12,315 (4) Rs. 12,443
- **51.** P, Q, R, S, T, U and V are sitting in a circle facing the centre. S, who is second to the right hand side of R, is not to the immediate right to V. U is not between V and T. P is between R and Q. If Q and R interchange places so as to be like T and V, then which of the following is *true*?
 - (1) S is third to the right of R (2) T is second to the left of R
 - (3) Q is fourth to the right of T
- (4) None of the above
- **52.** Five shirts are placed on a shelf in a heap, Red shirt is above the Blue shirt and Green shirt is below the Orange shirt. Blue shirt is above the Orange shirt and White shirt is below the Green shirt. The colour of the shirt between Red and Orange is :
 - (1) White (2) Green (3) Blue (4) None of these

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53. A, B, C, D, E, F and G are members of a family consisting of 4 adults and 3 children, two of whom, F and G are girls, A and D are brothers and A is Doctor. E is an Engineer and married to one of the brothers and has two children. B is married to D

and G is their child. Who is C?

Δ

(1) G's father	(2) F's father	(3) E's daughter	(4) A's son
----------------	----------------	------------------	-------------

54. The number of boys in a class in three times the number of girls. Which one of the following numbers cannot represent the total number of children in the class ?

(1) 48 (2) 44 (3) 42 (4) 40

55. A worker may claim Rs. 15 for each km which he travels by taxi and Rs. 5 for each km which he drives his own car. If in one week, he claimed Rs. 500 for travelling 80 km, how many kilometers did he travel by taxi?

- (1) 10 (2) 20 (3) 30 (4) 80
- 56. Four girls are sitting on chairs for a group photograph :
 - (i) Sheela is to the left of Rani
 - (ii) Meena is to the right of Rani
 - (iii) Rita is in between Rani and Meena

Who would be second from the left in the photograph?

- (1) Meena (2) Sheela (3) Rani (4) Rita
- 57. In a certain code 'INACTIVE' is written as VITCANIE. How is 'COMPUTER' written in that code ?
 - (1) UTEPMOCR (2) MOCPETUR (3) ETUPMOCR (4) PMOCRETU
- 58. Which number would replace blank space in the series ?

1, 20, 58,		., 191		
(1) 105	Jel.4v	(2) 115	(3) 111	(4) 116
Introducin	g a girl.	Rahul said,	"Her mother is the only	daughter of my mo

59. Introducing a girl, Rahul said, "Her mother is the only daughter of my mother-in-law". How is Rahul related to this girl ?

(1) Uncle	(2) Brother	(3) Husband	(4) Father
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- **60.** If the code for 'CHAP' is 'XSZK', then what is 'WVZU' the code for ?
 - $(1) LEAP \qquad (2) MOST \qquad (3) DEAF \qquad (4) COST$

61.

The four Venn diagrams are (1), (2), (3) and (4) are given below. Elements of the following can be represented by any one of the diagrams. Choose the correct Venn diagram from the options :

Males, Cousins, Nephews



How many dots lie opposite to the face having three dots, when the given figure is 62.



- (1) YOJ
 - (2) SNAPIHSPE (3) TEIHGTEDMNL (4) RHICA V WAR
- 64. AEZ : EIY : IOX : (1) UYZ (2) AEX

(4) OUW Five students participated in the scholarship examination. 'Sudha' scored higher than 65. Puja. Kavita scored lower than Suma but higher than Sudha. Mamta scored between Puja and Sudha. Who scored lowest in the examination ? (1) Puja (2) Kavita

(3) EIX

(3) Mamta (4) Sudha

Five senior citizens are living in a multi-storied building. Mr. Bhagat lives in a flat 66. above Mr. Ashokan, Mr. Lokesh lives in a flat below Mr. Gaurav, Mr. Ashokan lives in a flat above Mr. Gaurav and Mr. Rakesh lives in a flat between Mr. Lokesh. Who lives in the topmost flat?

(1) Mr. Bhagat (2) Mr. Gaurav (3) Mr. Lokesh (4) Mr. Rakesh MOBA-EE-2022/(SET-X)/(A)

- 67. There are 30 plants of Chiku, Guava, Sitafal and Mango in a row. There is one pair of Mango plants after Chiku and Guava and Mango plants are followed by one Chiku and one Sitafal plant and so on. If the row beings with a plant of Chiku, then which of the following will be in the last of the row ?
 - (1) Chiku (2) Guava (3) Mango (4) Sitafal

68. Thirty six vehicles are parked in a parking lot in a single row. After the first car, there is one scooter. After the second car, there are two scooters. After the third car there are three scooters and so on. Work out the number of scooters in the second half of the row ?

(1) 10 (2) 12 (3) 15 (4) 17

69. A, B, C, D, E and F are sitting around a round table. A is between E and F, E is opposite D and C is not in either of the neighbouring seats of E. Who is opposite to B?
(1) F
(2) C
(3) D
(4) None of these

70. Manu goes 40 km North, turns right and goes 80 km, turns right again and goes 30 km. In the end, he turns right again and goes 80 km. How far is he from his starting point if he goes straight ahead another 50 km and turns left to go his last 10 km ?

(1) 10 km (2) 30 km (3) 40 km (4) 50 km

71. If the third day of a month is Monday, which of the following will be the fifth day from 21st of that month ?

(1) Tuesday (2) Monday (3) Wednesday (4) Thursday

- 72. A is B's brother, "I have as many sisters as brothers" tells B to one of her friends. How many brothers and sisters are there in this family.
 - (1) Two brothers and two sisters (2) One brothers and one sister

(3) One brother and two sisters (4) Two brothers and one sister

73. Ravi and Dinesh are the sons of Mr. and Mrs. Gupta. 'Ravi' has married to 'Surya' and this couple is blessed with 'Tarun', 'Vinni' and 'Minni'. Seema is married to Tarun and they are blessed with 'Zeena' a beautiful daughter. How is Dinesh is related to 'Tarun'?
(1) Brother (2) Father (3) Uncle (4) Brother-in-law

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P. T. O.

A A

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86

74. A train runs 120 km in West direction, 30 km in South direction and then 80 km in East direction before reaching the station. In which direction in the station from the trains starting point? (4) South (2) North West (3) South East (1) South West 75. If 27th March, 1995 was a Monday, then what day of the week was 1st November, 1994?(4) Wednesday (2) Monday (3) Tuesday (1) Sunday 76. Which of the following standard deals with the environment? (2) ISO - 26000 (1) ISO - 9000 (4) All of the above (3) ISO - 14000 77. GST is imposed on the following goods : (4) CNG (1) Gold jewellery (2) Petrol (3) Liquor 78. Jaguar & Land Rover are the brands of which business group? (2) Tata group (1) Birla group (4) Maruti (3) Reliance group 79. Who is the founder of Google ? (1) Larry Page & Steve Maddan (2) Sergey Brin & Steve Jobs (3) Larry Page & Sergey Brin (4) Henery Ford & Steven Spielberg Who is known as 'Flying Sikh' ? 80. (1) K. D. Jadhav (2) Milkha Singh (3) Pargat Singh (4) Duleep Singh WTO, an international organization is dealing with : 81. (3) Sanitization (4) Finance (1) Trade (2) Health Which of the following city is going to host Olympics 2024? 82. (4) Paris (3) Sydney (1) Manila (2) Tokyo 83. P. V. Sindhu is associated with which of the following game? (3) Badminton (4). Cricket (2) Tennis (1) Archery Which of the following is *not* a social networking site? 84. (3) Instagram (4) Linkedin (1) E-bay (2) Twitter

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85.	Which newspaper Logo bears 'Let Truth Prevail'?	
	 (3) The Indian Express (2) The Times of India (4) The Tribune 	Ċ
86. .	Unicorn companies are : (1) Those that reach a valuation of \$1 billion after listing in stock market.	, .
	(2) Those that reach a valuation of \$1 million without being listed in market.	stock
	 (3) Those that reach a valuation of \$1 million after listing in stock market. (4) Those that reach a valuation of \$1 billion without being listed in market. 	stock
87.	The author of world famous 'Harry Potter' series is :(1) Chitra Banerjee Divaksruni(2) Salman Rushdie(3) Arundhati Ray(4) J. K. Rowling	.22
88.	'Trade deficit' means :(1) Export > Import(2) Import > Export(3) Export = Import(4) Import < Export	
89.	The term 'The Giving Pledge' is related with :(1) Corporate governance(2) Business Ethics(3) CSR(4) Media	
90.	Name the State that topped Khelo India games 2022 ?(1) Maharashtra(2) Gujarat(3) Punjab(4) Haryana	
91.	Satya Nadella is the CEO of :(1) Microsoft(2) Google(3) Apple(4) Intel	
92.	Baht is the currency of :(1) Malaysia(2) Thailand(3) Indonesia(4) Vietnam	
93.	Which of the following is not indirect tax in Indian economy ?(1) Sales tax(2) Excise duty(3) Custom duty(4) Corporate tax	
94.	Who receive income from income tax ?(1) Union Territory(2) Central Govt.(3) State Govt.(4) All of the above	
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95.	India is the member	of following econon	nic grouping :	
	(1) BRICS	(2) NAFTA	(3) EU	(4) ASEAN
96.	Who is Minister of C	Commerce and Indus	stry in India ?	
	(1) Piyush Goyal		(2) Nirmala Sithara	iman
	(3) Suresh Prabhu		(4) Nitin Gadkari	
97.	Which of the follow	ing is <i>not</i> a Tech Co	mpany?	
15 - A.	(1) Aramco	(2) Apple	(3) Google	(4) Microsoft
98.	According to the li Company has made	ist of most ethical it to the list ?	companies in the w	orld (2022) which Indian
	(1) TCS	(2) Infosys	(3) Wipro	(4) HCL
99.	How many sectors a	re included in 'Make	e in India' program ?	
	(1) 20	(2) 25	(3) 30	(4) 35
100.	Name the statement period.	t wherein expected r	esults are expressed	in quantitative terms for a
	(1) Program	(2) Plan	(3) Schedule	(4) Budget

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Mother's Name_____ Date of Examination_____

(Signature of the Candidate)

(Signature of the Invigilator)

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В

1. P, Q, R, S, T, U and V are sitting in a circle facing the centre. S, who is second to the right hand side of R, is not to the immediate right to V. U is not between V and T. P is between R and Q. If Q and R interchange places so as to be like T and V, then which of the following is *true*?

1) S is third to the right of R	(2) T is second to the left of R
---------------------------------	------------------------------------

- (3) Q is fourth to the right of T (4) None of the above
- 2. Five shirts are placed on a shelf in a heap, Red shirt is above the Blue shirt and Green shirt is below the Orange shirt. Blue shirt is above the Orange shirt and White shirt is below the Green shirt. The colour of the shirt between Red and Orange is :

(1) White (2) Green (3) Blue (4) None of these

3. A, B, C, D, E, F and G are members of a family consisting of 4 adults and 3 children, two of whom, F and G are girls, A and D are brothers and A is Doctor. E is an Engineer and married to one of the brothers and has two children. B is married to D and G is their child. Who is C?

(1) G's father (2) F's father (3) E's daughter (4) A's son

4. The number of boys in a class in three times the number of girls. Which one of the following numbers cannot represent the total number of children in the class ?

(1) 48 (2) 44 (3) 42 (4) 40

5. A worker may claim Rs. 15 for each km which he travels by taxi and Rs. 5 for each km which he drives his own car. If in one week, he claimed Rs. 500 for travelling 80 km, how many kilometers did he travel by taxi?

- (1) 10 (2) 20 (3) 30 (4) 80
- 6. Four girls are sitting on chairs for a group photograph :
 - (i) Sheela is to the left of Rani
 - (ii) Meena is to the right of Rani
 - (iii) Rita is in between Rani and Meena

Who would be second from the left in the photograph?

- (1) Meena (2) Sheela (3) Rani (4) Rita
- 7. In a certain code 'INACTIVE' is written as VITCANIE. How is 'COMPUTER' written in that code ?
 - (1) UTEPMOCR (2) MOCPETUR (3) ETUPMOCR (4) PMOCRETU

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P. T. O.

8. Which number would replace blank space in the series ?

 1, 20, 58,, 191

 (1) 105
 (2) 115
 (3) 111
 (4) 116

9. Introducing a girl, Rahul said, "Her mother is the only daughter of my mother-in-law" How is Rahul related to this girl ?

(1) Uncle (2) Brother (3) Husband (4) Father

10. If the code for 'CHAP' is 'XSZK', then what is 'WVZU' the code for ?

- (1) LEAP (2) MOST (3) DEAF (4) COST
- 11. The four Venn diagrams are (1), (2), (3) and (4) are given below. Elements of the following can be represented by any one of the diagrams. Choose the *correct* Venn diagram from the options :

Males, Cousins, Nephews



12. How many dots lie opposite to the face having three dots, when the given figure is folded to form a cube ?



13. Rearrange the jumbled alphabets in the following option and find the odd word among them :

	(1) YOJ (3) TEIHGTEDMNL	(2) SNAPIHSPE (4) RHICA	
14.	AEZ : EIY : IOX : (1) UYZ ⁽²⁾ AEX	(3) FIX	
FYMC	DBA-EE-2022/(SET-X)/(B)	(\mathbf{J}) LIX	(4) OUW

В

- **15.** Five students participated in the scholarship examination. 'Sudha' scored higher than Puja. Kavita scored lower than Suma but higher than Sudha. Mamta scored between Puja and Sudha. Who scored lowest in the examination ?
 - (1) Puja (2) Kavita (3) Mamta (4) Sudha

16. Five senior citizens are living in a multi-storied building. Mr. Bhagat lives in a flat above Mr. Ashokan, Mr. Lokesh lives in a flat below Mr. Gaurav, Mr. Ashokan lives in a flat above Mr. Gaurav and Mr. Rakesh lives in a flat between Mr. Lokesh. Who lives in the topmost flat ?

(1) Mr. Bhagat (2) Mr. Gaurav (3) Mr. Lokesh (4) Mr. Rakesh

17. There are 30 plants of Chiku, Guava, Sitafal and Mango in a row. There is one pair of Mango plants after Chiku and Guava and Mango plants are followed by one Chiku and one Sitafal plant and so on. If the row beings with a plant of Chiku, then which of the following will be in the last of the row ?

(1) Chiku (2) Guava (3) Mango (4) Sitafal

18. Thirty six vehicles are parked in a parking lot in a single row. After the first car, there is one scooter. After the second car, there are two scooters. After the third car there are three scooters and so on. Work out the number of scooters in the second half of the row?

(1) 10 (2) 12 (3) 15 (4) 17

19. A, B, C, D, E and F are sitting around a round table. A is between E and F, E is opposite D and C is not in either of the neighbouring seats of E. Who is opposite to B ?
(1) F
(2) C
(3) D
(4) None of these

20. Manu goes 40 km North, turns right and goes 80 km, turns right again and goes 30 km. In the end, he turns right again and goes 80 km. How far is he from his starting point if he goes straight ahead another 50 km and turns left to go his last 10 km?

(1) 10 km (2) 30 km (3) 40 km (4) 50 km

- **21.** If the third day of a month is Monday, which of the following will be the fifth day from 21st of that month ?
 - (1) Tuesday (2) Monday (3) Wednesday (4) Thursday

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22. A is B's brother, "I have as many sisters as brothers" tells B to one of her friends. How many brothers and sisters are there in this family.

1) Two brothers and two sisters	(2) One brothers and one sister
---------------------------------	---------------------------------

- (3) One brother and two sisters (4) Two brothers and one sister
- 23. Ravi and Dinesh are the sons of Mr. and Mrs. Gupta. 'Ravi' has married to 'Surya' and this couple is blessed with 'Tarun', 'Vinni' and 'Minni'. Seema is married to Tarun and they are blessed with 'Zeena' a beautiful daughter. How is Dinesh is related to 'Tarun'?
 - (1) Brother (2) Father (3) Uncle (4) Brother-in-law

24. A train runs 120 km in West direction, 30 km in South direction and then 80 km in East direction before reaching the station. In which direction in the station from the trains starting point ?

- (1) South West (2) North West (3) South East (4) South
- 25. If 27th March, 1995 was a Monday, then what day of the week was 1st November, 1994 ?
 - (1) Sunday (2) Monday (3) Tuesday (4) Wednesday

Directions : For Questions 26-30 fill in the blanks with correct prepositions :

26.	The Dog sprang	the table.		
	(1) From	(2) On	(3) At	(4) Upon
27.	One must take price	le serving	one's country.	
	(1) In	(2) With	(3) At	(4) For
28.	I met Ajay	the way.		
	(1) In	(2) Of	(3) On	(4) At
29.	The fool has parke	ed his Jeep right	the entrance.	
	(1) Beyond	(2) Within	(3) At	(4) On
30.	I never use an AT	M card, I always settl	le bills cash	
	(1) By	(2) In	(3) With	(4) To

Directions : For Questions 31-35. In each question select the appropriate word that is opposite in meaning to the underlined word.

31. <u>Recession</u> is a major cause of Unemployment.
(1) Education (2) Poverty (3) Indigence (4) Inflation
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В			has long effe	ects.
32.	Sagacious decisions (1) Foolish	taken at right time ir (2) Thoughtful	(3) Intelligent	(4) Intuitive
33.	The Teacher rejected (1) Reasonable	d his <u>ludicrous</u> propo (2) Stupid	osal. (3) Farcical	(4) Awkward
34.	<u>Squandering</u> money (1) Stealing	is a bad habit. (2) Discarding	(3) Hoarding	(4) Donating
35.	Man's basic nature i (1) Vibrant	s to be <u>ebullient</u> . (2) Exuberant	(3) Elated	(4) Woeful
Direc follow	tions : For Questio	ns 36-40. Tick mar	k the appropriate o	ne word equivalent in the
36.	A place where birds (1) Aquarium	s are kept. (2) Cage	(3) Aviary	(4) Sty
37.	A system of govern (1) Plutocracy	ment in which pries (2) Aristocracy	ts rule in the name o (3) Theocracy	f God. (4) Purist
38.	A newly coined wo (1) Reticent	ord or expression by (2) Philistine	an author. (3) Neologism	(4) Truism
39.	The practice of wri(1) Lexicography(3) Demography	ting dictionaries is c	alled : (2) Gerontology (4) Philology	
40.	The study of ancies	nt writing and script	ures :	
	 (1) Numismatics (3) Palaeography 		(2) Psephology (4) Calligraphy	
Direc	tions : For Question	ns 41-45 . Read the f	ollowing sentence a	nd tick mark the error.
41.	He/will return/on e	either Monday or Tu	iesday./No error	
	1 2	3	4	
42.	Playing the / Pianc 1	and singing/ simul 2	taneously/ are diffic 3 4	cult.
43.	Neither Smith/ nor	Martin/ are respon	sible./No error	
	1	2 3	4	
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44. It is I/ who is / to make / a call. 1 2 3 4 45. Mr. Haskins disliked/ me asking/ so many/ Questions. 1 2 3 4 Directions : For Questions 46-50. Pick out the correct word of the following to fill in the blank 46. We were not impressed by speaking softly. (1) Him (2) His (3) Its (4) Us 47. Last week our Clergyman reminded us that living the upright life a discipline. (1) Is (2) Was (3) Will be (4) Can be **48.** He will not bring the car here without him. (1) I tell (2) We tell (3) My telling (4) They tell **49.** Help yourself whatever you can use without wasting. (1) With (2) To (3) In (4) For 50. Rahul was found to the required qualifications for the job. (1) Contain (2) Disclose (3) Posses (4) Acquire 51. Which of the following standard deals with the environment? (1) ISO - 9000 (2) ISO - 26000 (3) ISO - 14000 (4) All of the above **52.** GST is imposed on the following goods : (1) Gold jewellery (2) Petrol (3) Liquor (4) CNG 53. Jaguar & Land Rover are the brands of which business group ? (1) Birla group (2) Tata group (3) Reliance group (4) Maruti 54. Who is the founder of Google? (1) Larry Page & Steve Maddan (2) Sergey Brin & Steve Jobs (3) Larry Page & Sergey Brin (4) Henery Ford & Steven Spielberg FYMOBA-EE-2022/(SET-X)/(B)

55.	Who is known as 'F (1) K. D. Jadhav	lying Sikh' ? (2) Milkha Singh	(3) Pargat Singh	(4) Duleep Singh
56.	WTO, an internation (1) Trade	nal organization is de (2) Health	aling with : (3) Sanitization	(4) Finance
57.	Which of the follow (1) Manila	ving city is going to h (2) Tokyo	ost Olympics 2024 ? (3) Sydney	(4) Paris
58.	P. V. Sindhu is asso(1) Archery	ciated with which of (2) Tennis	the following game 7 (3) Badminton	(4) Cricket
59.	Which of the follow (1) E-bay	ring is <i>not</i> a social ne (2) Twitter	tworking site ? (3) Instagram	(4) Linkedin
60.	Which newspaper L(1) The Hindu(3) The Indian Expr	ogo bears 'Let Truth ress	Prevail' ? (2) The Times of In (4) The Tribune	dia
61.	 Unicorn companies (1) Those that reach (2) Those that reach (3) Those that reach 	are : n a valuation of \$1 bi ach a valuation of n a valuation of \$1 m	llion after listing in st \$1 million withou illion after listing in s	tock market. It being listed in stock
	(4) Those that reamarket.	ach a valuation of	\$1 billion withou	t being listed in stock
62.	The author of world(1) Chitra Banerjee(3) Arundhati Ray	famous 'Harry Potte Divaksruni	r' series is : (2) Salman Rushdie (4) J. K. Rowling	
63.	'Trade deficit' mean(1) Export > Import(3) Export = Import	s: t t	(2) Import > Export(4) Import < Export	
64.	The term 'The Givin (1) Corporate gover (3) CSR	ng Pledge' is related w mance	vith : (2) Business Ethics (4) Media	
65.	Name the State that (1) Maharashtra	topped Khelo India (2) Gujarat	games 2022 ? (3) Punjab	(4) Haryana
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7

B

66.	Satya Nadella is the (1) Microsoft	CEO of : (2) Google	(3)	Apple	(4)	Intel
67.	Baht is the currency (1) Malaysia	of : (2) Thailand	(3)	Indonesia	(4)	Vietnam
68.	Which of the follow(1) Sales tax(3) Custom duty	ing is <i>not</i> indirect tax	x in (2) (4)	Indian economy Excise duty Corporate tax	?	
69.	Who receive income(1) Union Territory(3) State Govt.	e from income tax ?	(2) (4)	Central Govt. All of the above	•	
70.	India is the member (1) BRICS	of following econom (2) NAFTA	nic g (3)	rouping : EU	(4)	ASEAN
71.	Who is Minister of(1) Piyush Goyal(3) Suresh Prabhu	Commerce and Indus	stry (2) (4)	in India ? Nirmala Sithara Nitin Gadkari	man	
72 .	Which of the follow (1) Aramco	ving is <i>not</i> a Tech Co (2) Apple	ompa (3)	ny ? Google	(4)	Microsoft
73.	According to the l Company has made	ist of most ethical it to the list ?	com	panies in the w	orld	(2022) which Indian
	(1) 105	(2) miosys	() a in	India' program ?	(1)	
74.	How many sectors a (1) 20	(2) 25	(3)	30	(4)	35
75.	Name the statemen period.	t wherein expected r	resul	ts are expressed	in q	uantitative terms for a
	(1) Program	(2) Plan	(3)	Schedule	(4)	Budget
76.	A dice is thrown 5	times, then the proba	ıbilit	y that an even nu	mbe	r will come up exactly
	3 times is : (1) 5/16	(2) 1/2	(3)	3/16	(4)	3/2
77.	A certain number of	of men can do work	in 4	5 days. If there w	vere	4 men less it could be
	finished in 15 days (1) 28 men	(2) 16 men	(3)) 24 men	(4)	20 men

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- **78.** In a town of 10,000 families it was found that 40% family buy newspaper A, 20% buy newspaper B and 10% families buy newspaper C, 5% families buy A and B, 3% buy B and C and 4% buy A and C. If 2% families buy all the three newspapers, then number of families which buy A only is :
 - (1) 3100 (2) 3300 (3) 2900 (4) 1400

В

- **79.** Five coins whose faces are marked 2, 3 are tossed. The chance of obtaining a total of 12 is :
 - (1) 1/32 (2) 1/16 (3) 3/16 (4) 5/16
- **80.** The average speed of a car is 75 kmph. What will be the average speed of the car, if the driver decreases the average speed of the car by 40 per cent ?

(1) 50 kmph (2) 45 kmph (3) 40 kmph (4) 55 kmph

81. The work done by a woman in 8 hours is equal to the work done by a man in 6 hours and by a boy in 12 hours. If working 6 hours per day 9 men can complete a work in 6 days then in how many days can 12 men, 12 women and 12 boys together finish the same work working 8 hours per day ?

- (1) $1\frac{1}{2}$ days (2) $3\frac{1}{2}$ days (3) 3 days (4) 2 days
- 82. How many even numbers of 3 different digits can be formed from the digits 1, 2, 3, 4, 5, 6, 7, 8, 9 (repetition is not allowed)?
 (1) 224 (2) 280 (3) 324 (4) None of these

83. If 40% of a number is 256, then what is 25% of that number ? (1) 260 (2) 150 (3) 160 (4) 210

84. The prices of a Car and a Motorcycle are in the ratio 7 : 5. If the Car costs 8000 USD more than a Motorcycle set, then the price of a Car set is :

(1) USD 10,000 (2) USD 42,000 (3) USD 28,000 (4) USD 32,000

85. The expenditure of a family for a certain month were as follows : Food - Rs. 560, Rent - Rs. 420, Clothes - Rs. 180, Education - Rs. 160, Other items -Rs. 120

A pie graph representing this data would show the expenditure for clothes by a sector whose angle equals :

(1) 180 degree (2) 90 degree (3) 45 degree (4) 64 degree

- **86.** 15 men would finish a piece of work in 210 days. But at the end of every 10 days, 15 additional men are employed. In how many days will it be finished ?
- (1) 30 days (2) 70 days (3) 35 days (4) 60 days FYMOBA-EE-2022/(SET-X)/(B)

P. T. O.

- 87. A box contains 100 tickets numbered 1, 2, 100. Two tickets are chosen at random. It is given that the maximum number on the two chosen tickets is not more than 10. The minimum number on them is 5 with probability :
 - (1) 1/8(4) None of these (2) 13/15(3) 1/7

88. In a battle 70% of the combatants lost one eye, 80% an ear, 75% an arm, 85% a leg, x% lost all the four limbs. The minimum value of x is :

(1) 10(2) 12 (3) 15 (4) None of these

89. Bhavani invested an amount of Rs. 13,900 divided in two different schemes, A and B at the simple interest rate of 14% per annum and 11% per annum respectively if the total amount of simple interest earned in two year be Rs. 3,508, what was the amount invested in Scheme B?

(1) 6,400 (2) 6,500 (3) 7,200 (4) 7,900

In a factory there are three types of machines b1, b2, and b3 which produces 20%, 90. 15%, and 32% of the total products respectively. Further, machines b1, b2, and b3 which produces 3%, 7%, and 2% defective products respectively. Find the percentage of non-defective products :

(1) 46%(2) 30%(3) 53% (4) 64%

91. Guru and Chela walk around a circular path of 115 km in circumference, they start together from the same point. If they walk at speed of 4 and 5 kmph respectively, also they walk in the same direction, when will they meet ?

(1) After 115 hours	(2) After 125 hours
(3) After 120 hours	(4) After 210 hours

92. Five racquets needs to be placed in three boxes. Each box can hold all the five racquets. In how many ways can the racquets be placed in the boxes so that no box can be empty, if all racquets are different but all boxes are identical?

(1) 24(3) 27 (4) 26(2) 25

There are 12 copies of Beetles CDs, 7 copies of Pink Floyd CDs, 3 different CDs of 93. Michael Jackson, and 2 different CDs of Madonna. Find the number of ways in which one or more than one CD can be selected ?

(2) 3376 (3) 3366 (4) 3327 (1) 3388

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94. A box contains 2 white shirts, 3 black shirts, and 4 red shirts. In how many ways can 3 shirts be drawn from the box, if at least one black shirt is to be included in the draw?
(1) 60

(1) 60 (2) 40 (3) 64 (4) 82

95. Imagine that there are four hundred and fifty nine managers in a hotel. If the number of managers is enlarged by 36, the expenses of the food increased by Rs. eighty one per day while the average spending per head decreased by one. Find the original spending of the hotel on food ?

(1) 7344 (2) 7244 (3) 7044 (4) 7444

96. If Fatima sells 60 identical toys at a 40% discount on the printed price, then she makes 20% profit. Ten of these toys are destroyed in fire. While selling the rest, how much discount should be given on the printed price so that she can make the same amount of profit ?

- (1) 30% (2) 25% (3) 24% (4) 28%
- **97.** A merchant buys 80 articles, each at Rs. 40. He sells n of them at a profit of n% and the remaining at a profit of (100 n)%. What is the minimum profit the merchant could have made on this trade ?
 - (1) Rs. 2,160 (2) Rs. 1,420 (3) Rs. 1,580 (4) Rs. 2,210

Instructions for Question Nos. 98, 99 & 10:

В

The pie chart given below represents the domestic expenditure of a family in percent. Study the chart and answer the following three questions (98, 99 & 100) if the total monthly income of the family is Rs. 33,650.



- **98.** The house rent per month is :
 - (1) Rs. 6,000 (2) Rs. 6,152 (3) Rs. 6,057 (4) Rs. 6,048

99. After Provided fund deductions and payment of house rent, the total monthly income of the family remains :

(1) Rs. 23,545 (2) Rs. 24,435 (3) Rs. 23,555 (4) Rs. 25,355

100. The total amount per month the family spends on food and entertainment combined together is :

(1) Rs. 11,432 (2) Rs. 11,441 (3) Rs. 12,315 (4) Rs. 12,443

•	Total No. o	f Printed Pages : 13
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		10647
	Sr	r. No
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	

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1.	Which of the follow (1) ISO - 9000 (3) ISO - 14000	wing standard deals v	vith t (2) (4)	he environment ISO - 26000 All of the above	? e		
2.	GST is imposed on (1) Gold jewellery	the following goods (2) Petrol	: (3)	Liquor	(4)	CNG	
3.	Jaguar & Land Roy (1) Birla group (3) Reliance group	ver are the brands of	whic (2) (4)	h business group Tata group Maruti	?		
4.	 Who is the founder (1) Larry Page & S (2) Sergey Brin & (3) Larry Page & S (4) Henery Ford & 	of Google ? Steve Maddan Steve Jobs Sergey Brin Steven Spielberg			21 (77 100) 2		
5.	Who is known as 'F (1) K. D. Jadhav	Flying Sikh' ? (2) Milkha Singh	(3)	Pargat Singh	(4)	Duleep Singh	,
6.	WTO, an internatio (1) Trade	nal organization is do (2) Health	ealin (3)	g with : Sanitization	(4)	Finance	
7.	Which of the follow (1) Manila	ving city is going to h (2) Tokyo	nost ((3)	Dlympics 2024 ? Sydney	(4)	Paris	
8.	P. V. Sindhu is asso (1) Archery	ociated with which of (2) Tennis	the (3)	following game Badminton	? (4)	Cricket	
9.	Which of the follow (1) E-bay	ving is <i>not</i> a social ne (2) Twitter	etwor (3)	king site ? Instagram	(4)	Linkedin	
10.	Which newspaper L(1) The Hindu(3) The Indian Exp	logo bears 'Let Truth ress	Prev (2) (4)	ail' ? The Times of Ir The Tribune	ndia		
11.	Unicorn companies(1) Those that reach(2) Those that reachmarket.	are : h a valuation of \$1 bi ach a valuation of	illion \$1	after listing in s million withou	tock ut b	market. eing listed in	stock
	(3) Those that reach(4) Those that reachmarket.	h a valuation of \$1 m ach a valuation of	illion \$1	n after listing in billion withou	stock at b	k market. eing listed in	stock
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The author of world famous 'Harry Potter' series is : 12. (1) Chitra Banerjee Divaksruni (2) Salman Rushdie (4) J. K. Rowling (3) Arundhati Ray 13. 'Trade deficit' means : (2) Import > Export (1) Export > Import (4) Import < Export (3) Export = Import The term 'The Giving Pledge' is related with : 14. (1) Corporate governance (2) Business Ethics (4) Media (3) CSR **15.** Name the State that topped Khelo India games 2022 ? (1) Maharashtra (2) Gujarat (3) Punjab (4) Haryana Satya Nadella is the CEO of : 16. (1) Microsoft (2) Google (3) Apple (4) Intel 17. Baht is the currency of : (1) Malaysia (2) Thailand (3) Indonesia (4) Vietnam 18. Which of the following is *not* indirect tax in Indian economy? (1) Sales tax (2) Excise duty (3) Custom duty (4) Corporate tax **19.** Who receive income from income tax? (1) Union Territory (2) Central Govt. (3) State Govt. .(4) All of the above India is the member of following economic grouping : 20. (1) BRICS (2) NAFTA (3) EU (4) ASEAN Who is Minister of Commerce and Industry in India? 21. (1) Piyush Goyal (2) Nirmala Sitharaman (3) Suresh Prabhu (4) Nitin Gadkari Which of the following is not a Tech Company ? 22. (1) Aramco (2) Apple (3) Google (4) Microsoft According to the list of most ethical companies in the world (2022) which Indian 23. Company has made it to the list? (1) TCS (2) Infosys (3) Wipro (4) HCL FYMOBA-EE-2022/(SET-X)/(C)

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How many sectors are included in 'Make in India' program ? 24. (2) 25 (1) 20(3) 30(4) 35 Name the statement wherein expected results are expressed in quantitative terms for a 25. period. (2) Plan (1) Program (3) Schedule (4) Budget P, Q, R, S, T, U and V are sitting in a circle facing the centre. S, who is second to the 26. right hand side of R, is not to the immediate right to V. U is not between V and T. P is between R and Q. If Q and R interchange places so as to be like T and V, then which of the following is *true*? (1) S is third to the right of R(2) T is second to the left of R(3) O is fourth to the right of T (4) None of the above Five shirts are placed on a shelf in a heap, Red shirt is above the Blue shirt and Green 27. shirt is below the Orange shirt. Blue shirt is above the Orange shirt and White shirt is below the Green shirt. The colour of the shirt between Red and Orange is : (1) White (2) Green (4) None of these (3) Blue 28. A, B, C, D, E, F and G are members of a family consisting of 4 adults and 3 children, two of whom, F and G are girls, A and D are brothers and A is Doctor. E is an Engineer and married to one of the brothers and has two children. B is married to D and G is their child. Who is C? (1) G's father (2) F's father (3) E's daughter (4) A's son The number of boys in a class in three times the number of girls. Which one of the 29. following numbers cannot represent the total number of children in the class? (1) 48 (2) 44 (3) 42 (4) 40 A worker may claim Rs. 15 for each km which he travels by taxi and Rs. 5 for each km 30. which he drives his own car. If in one week, he claimed Rs. 500 for travelling 80 km, how many kilometers did he travel by taxi? (1) 10(2) 20 (3) 30(4) 80 31. Four girls are sitting on chairs for a group photograph : (i) Sheela is to the left of Rani (ii) Meena is to the right of Rani (iii) Rita is in between Rani and Meena Who would be second from the left in the photograph? (4) Rita (3) Rani (1) Meena (2) Sheela P. T. O. FYMOBA-EE-2022/(SET-X)/(C)

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32. In a certain code 'INACTIVE' is written as VITCANIE. How is 'COMPUTER' written in that code? (2) MOCPETUR (3) ETUPMOCR (4) PMOCRETU (1) UTEPMOCR Which number would replace blank space in the series ? 33. 1, 20, 58,, 191 (3) 111 (2) 115 (1) 105(4) 116 34. Introducing a girl, Rahul said, "Her mother is the only daughter of my mother-in-law". How is Rahul related to this girl? (3) Husband (1) Uncle (2) Brother (4) Father If the code for 'CHAP' is 'XSZK', then what is 'WVZU' the code for ? 35. (3) DEAF (1) LEAP (2) MOST (4) COST The four Venn diagrams are (1), (2), (3) and (4) are given below. Elements of the 36. following can be represented by any one of the diagrams. Choose the correct Venn diagram from the options : Males, Cousins, Nephews (3) (1)(2)(4)How many dots lie opposite to the face having three dots, when the given figure is 37. folded to form a cube?

С

(1) 2 (2) 4

4

(3) 5 (4) 6

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38. Rearrange the jumbled alphabets in the following option and find the odd word among them :

(1) YOJ	(2)	SNAPIHSPE
(3) TEIHGTEDMNL	(4)	RHICA

39. AEZ : EIY : IOX :

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- (1) UYZ (2) AEX (3) EIX (4) OUW
- 40. Five students participated in the scholarship examination. 'Sudha' scored higher than Puja. Kavita scored lower than Suma but higher than Sudha. Mamta scored between Puja and Sudha. Who scored lowest in the examination ?
 (1) Puja
 (2) Kavita
 (3) Mamta
 (4) Sudha

41. Five senior citizens are living in a multi-storied building. Mr. Bhagat lives in a flat above Mr. Ashokan, Mr. Lokesh lives in a flat below Mr. Gaurav, Mr. Ashokan lives in a flat above Mr. Gaurav and Mr. Rakesh lives in a flat between Mr. Lokesh. Who lives in the topmost flat ?

(1) Mr. Bhagat (2) Mr. Gaurav (3) Mr. Lokesh (4) Mr. Rakesh

42. There are 30 plants of Chiku, Guava, Sitafal and Mango in a row. There is one pair of Mango plants after Chiku and Guava and Mango plants are followed by one Chiku and one Sitafal plant and so on. If the row beings with a plant of Chiku, then which of the following will be in the last of the row ?

(1) Chiku (2) Guava (3) Mango (4) Sitafal

43. Thirty six vehicles are parked in a parking lot in a single row. After the first car, there is one scooter. After the second car, there are two scooters. After the third car there are three scooters and so on. Work out the number of scooters in the second half of the row ?

(1) 10 (2) 12 (3) 15 (4) 17

44. A, B, C, D, E and F are sitting around a round table. A is between E and F, E is opposite D and C is not in either of the neighbouring seats of E. Who is opposite to B?
(1) F (2) C (3) D (4) None of these

45. Manu goes 40 km North, turns right and goes 80 km, turns right again and goes 30 km. In the end, he turns right again and goes 80 km. How far is he from his starting point if he goes straight ahead another 50 km and turns left to go his last 10 km ?

(1) 10 km	(2) 30 km	(3) 40 km	(4) 50 km
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	4 <mark>6</mark> .	If the third day of a 21st of that month f	month is Monday, w	thich of the following	g will be the fifth day from	Î
		(1) Tuesday	(2) Monday	(3) Wednesday	(4) Inursday	
	47.	A is B's brother, "I many brothers and(1) Two brothers a(3) One brother an	have as many sisters sisters are there in thi nd two sisters d two sisters	as brothers" tells B s family. (2) One brothers an (4) Two brothers a	to one of her friends. How nd one sister nd one sister	V
12	48.	Ravi and Dinesh at this couple is bless they are blessed wi (1) Brother	re the sons of Mr. and sed with 'Tarun', 'Vin th 'Zeena' a beautiful (2) Father	d Mrs. Gupta. 'Ravi' ni' and 'Minni'. Seer daughter. How is Di (3) Uncle	has married to 'Surya' an na is married to Tarun an inesh is related to 'Tarun' ((4) Brother-in-law	d d
	49.	A train runs 120 kr direction before re starting point ? (1) South West	n in West direction, 3 aching the station. In (2) North West	0 km in South direct which direction in (3) South East	tion and then 80 km in Ea the station from the train (4) South	st
्र	50.	If 27th March, 19 1994?	95 was a Monday, th	nen what day of the	e week was 1st Novembe	r,
		(1) Sunday	(2) Monday	(3) Tuesday	(4) Wednesday	
Ę	51.	A dice is thrown 5 3 times is :	times, then the proba	bility that an even n	umber will come up exact	ly
		(1) 5/16	(2) 1/2	(3) 3/16	(4) 3/2	
ł	52.	A certain number finished in 15 days	of men can do work more. How many me	in 45 days. If there en are there ?	were 4 men less it could b	be
		(1) 28 men	(2) 16 men	(3) 24 men	(4) 20 men	
ļ	53.	In a town of 10,00 newspaper B and 1 and C and 4% buy of families which b	0 families it was four 10% families buy new A and C. If 2% fam buy A only is :	nd that 40% family vspaper C, 5% famil ilies buy all the thre	buy newspaper A, 20% bulies buy A and B, 3% buy the newspapers, then numb	ıy B er
		(1) 3100	(2) 3300	(3) 2900	(4) 1400	
	54.	Five coins whose 12 is :	faces are marked 2,	3 are tossed. The ch	ance of obtaining a total	of
	· · · ·	(1) 1/32	(2) 1/16	(3) 3/16	(4) 5/16	
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55. The average speed of a car is 75 kmph. What will be the average speed of the car, if the driver decreases the average speed of the car by 40 per cent ?

(1) 50 kmph (2) 45 kmph (3) 40 kmph (4) 55 kmph

56. The work done by a woman in 8 hours is equal to the work done by a man in 6 hours and by a boy in 12 hours. If working 6 hours per day 9 men can complete a work in 6 days then in how many days can 12 men, 12 women and 12 boys together finish the same work working 8 hours per day ?

(1) $1\frac{1}{2}$ days (2) $3\frac{1}{2}$ days (3) 3 days (4) 2 days

57. How many even numbers of 3 different digits can be formed from the digits 1, 2, 3, 4, 5, 6, 7, 8, 9 (repetition is not allowed)?

(1) 224 (2) 280 (3) 324 (4) None of these

58. If 40% of a number is 256, then what is 25% of that number?

(1) 260 (2) 150 (3) 160 (4) 210

- **59.** The prices of a Car and a Motorcycle are in the ratio 7 : 5. If the Car costs 8000 USD more than a Motorcycle set, then the price of a Car set is :
 - (1) USD 10,000 (2) USD 42,000 (3) USD 28,000 (4) USD 32,000
- 60. The expenditure of a family for a certain month were as follows :

Food - Rs. 560, Rent - Rs. 420, Clothes - Rs. 180, Education - Rs. 160, Other items - Rs. 120

A pie graph representing this data would show the expenditure for clothes by a sector whose angle equals :

- (1) 180 degree (2) 90 degree (3) 45 degree (4) 64 degree
- **61.** 15 men would finish a piece of work in 210 days. But at the end of every 10 days, 15 additional men are employed. In how many days will it be finished ?

(1) 30 days (2) 70 days (3) 35 days (4) 60 days

- **62.** A box contains 100 tickets numbered 1, 2, 100. Two tickets are chosen at random. It is given that the maximum number on the two chosen tickets is not more than 10. The minimum number on them is 5 with probability :
 - (1) 1/8 (2) 13/15 (3) 1/7 (4) None of these

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P. T. O.

63. In a battle 70% of the combatants lost one eye, 80% an ear, 75% an arm, 85% a leg, x_{0}^{*} lost all the four limbs. The minimum value of x is :

C

(1) 10 (2) 12 (3) 15 (4) None of these

64. Bhavani invested an amount of Rs. 13,900 divided in two different schemes, A and B at the simple interest rate of 14% per annum and 11% per annum respectively if the total amount of simple interest earned in two year be Rs. 3,508, what was the amount invested in Scheme B ?

(1) 6,400 (2) 6,500 (3) 7,200 (4) 7,900

65. In a factory there are three types of machines b1, b2, and b3 which produces 20%, 15%, and 32% of the total products respectively. Further, machines b1, b2, and b3 which produces 3%, 7%, and 2% defective products respectively. Find the percentage of non-defective products :

- (1) 46% (2) 30% (3) 53% (4) 64%
- **66.** Guru and Chela walk around a circular path of 115 km in circumference, they start together from the same point. If they walk at speed of 4 and 5 kmph respectively, also they walk in the same direction, when will they meet ?

(1)	After 115 hours ·	(2)	After 125 hours
(3)	After 120 hours	(4)	After 210 hours

67. Five racquets needs to be placed in three boxes. Each box can hold all the five racquets. In how many ways can the racquets be placed in the boxes so that no box can be empty, if all racquets are different but all boxes are identical ?

(1) 24 (2) 25 (3) 27 (4) 26

68. There are 12 copies of Beetles CDs, 7 copies of Pink Floyd CDs, 3 different CDs of Michael Jackson, and 2 different CDs of Madonna. Find the number of ways in which one or more than one CD can be selected ?

(1) 3388 (2) 3376 (3) 3366 (4) 3327

69. A box contains 2 white shirts, 3 black shirts, and 4 red shirts. In how many ways can 3 shirts be drawn from the box, if at least one black shirt is to be included in the draw?

(1) 60 (2) 40 (3) 64 (4) 82

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- **70.** Imagine that there are four hundred and fifty nine managers in a hotel. If the number of managers is enlarged by 36, the expenses of the food increased by Rs. eighty one per day while the average spending per head decreased by one. Find the original spending of the hotel on food ?
 - (1) 7344 (2) 7244 (3) 7044 (4) 7444

71. If Fatima sells 60 identical toys at a 40% discount on the printed price, then she makes 20% profit. Ten of these toys are destroyed in fire. While selling the rest, how much discount should be given on the printed price so that she can make the same amount of profit ?

(1) 30% (2) 25% (3) 24% (4) 28%

72. A merchant buys 80 articles, each at Rs. 40. He sells n of them at a profit of n% and the remaining at a profit of (100 - n)%. What is the minimum profit the merchant could have made on this trade ?

(1) Rs. 2,160 (2) Rs. 1,420 (3) Rs. 1,580 (4) Rs. 2,210

Instructions for Question Nos. 73, 74 & 75:

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The pie chart given below represents the domestic expenditure of a family in percent. Study the chart and answer the following three questions (73, 74 & 75) if the total monthly income of the family is Rs. 33,650.



73. The house rent per month is :

 (1) Rs. 6,000
 (2) Rs. 6,152

 (3) Rs. 6,057
 (4) Rs. 6,048

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74.	After Provided fund the family remains	d deductions and pays	ment of house rent, t	he total monthly income of	D fc
	(1) Rs. 23,545	(2) Rs. 24,435	(3) Rs. 23,555	(4) Rs. 25,555	
75.	The total amount p together is :	per month the family	spends on food an	d entertainment combined	
	(1) Rs. 11,432	(2) Rs. 11,441	(3) Rs. 12,315	(4) Rs.12,443	
Direc	tions : For Question	s 76-80 fill in the bla	nks with correct prep	positions :	
76.	The Dog sprang	the table.	la shan ya na say	a an triansferration of the	1
	(1) From	(2) On	(3) At	(4) Upon	
77.	One must take pride	e serving o	me's country.		
	(1) In	(2) With	(3) At	(4) For	
78.	I met Ajay	the way.		through a la given or is physical	
	(1) In	(2) Of	(3) On	(4) At	1.01
79.	The fool has parked	his Jeep right	the entrance.		
	(1) Beyond	(2) Within	(3) At	(4)· On	I
80.	I never use an ATM	I card, I always settle	bills cash	n. Stad myter Status Projektion	
	(1) By	(2) In	(3) With	(4) To	
Direc oppos	tions : For Questic tite in meaning to the	ons 81-85 . In each underlined word.	question select the	appropriate word that is	
81.	Recession is a majo	r cause of Unemploy	ment.		.
	(1) Education	(2) Poverty	(3) Indigence	(4) Inflation	
82.	Sagacious decisions	s taken at right time i	n career has long eff	fects.	
c	(1) Foolish	(2) Thoughtful	(3) Intelligent	(4) Intuitive	
83.	The Teacher rejecte	d his ludicrous prope	osal.		
	(1) Reasonable	(2) Stupid	(3) Farcical	(4) Awkward	
84.	Squandering money	is a bad habit.			
	(1) Stealing	(2) Discarding	(3) Hoarding	(4) Donating	L
85.	Man's basic nature i	s to be ebullient			b
	(1) Vibrant	(2), Exuberant	(3) Elated	(4) Woeful	

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Directions : For Questions 86-90. Tick mark the appropriate one word equivalent in the following :

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86.	 A place where birds are kept. (1) Aquarium (2) Cage (3)) Aviary	(4) Sty
87.	 A system of government in which priests ru (1) Plutocracy (2) Aristocracy (3) 	le in the name of) Theocracy	God. (4) Purist
88.	. A newly coined word or expression by an a (1) Reticent (2) Philistine (3	uthor.) Neologism	(4) Truism
89.	 The practice of writing dictionaries is called (1) Lexicography (2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	l :) Gerontology) Philology	
90.	The study of ancient writing and scriptures(1) Numismatics(2)(3) Palaeography(4)	:) Psephology) Calligraphy	
Direc	ections : For Questions 91-95. Read the follow	ing sentence and	tick mark the error.
91.	He/will return/on either Monday or Tuesday	/No error	
	1 2 3	4	
92.	Playing the / Piano and singing/ simultaneo	usly/ are difficult	
	1 2 3	4	
93.	Neither Smith/ nor Martin/ are responsible./	No error	
*	1 2 3	4	
94.	It is I/ who is / to make / a call. 1 2 3 4		
95.	Mr. Haskins disliked/ me asking/ so many/ 1 2 3	Questions. 4	
Direc blank.	ctions : For Questions 96-100. Pick out the k.	correct word of	the following to fill in the
96.	We were not impressed by speaking	ng softly.	
	(1) Him (2) His (3) Its	(4) Us
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97.	Last week our Clergyman reminded us that living the upright life a discipline				
	(1) Is	(2) Was	(3) Will be	(4) Can be	
98.	He will not bring th	he car here without	him.		
	(1) I tell	(2) We tell	(3) My telling	(4) They tell	
99.	Help yourself	whatever you ca	n use without wastin	g.	
	(1) With	(2) To	(3) In	(4) For	
100.	Rahul was found to	the require	d qualifications for the	he job.	
	(1) Contain	(2) Disclose	(3) Posses	(4) Acquire	

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		Sr. No
Time : 1¼ Hours Roll No. (in figures)	Max. Marks : 100 (in words)	Total Questions : 100

Mother's Name_

Name -

___ Father's Name_

Date of Examination_

(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 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 Examinations in writing/through E.Mail (coe@mdurohtak.ac.in) 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.

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- finished in 15 days more. How many men are there ? (4) 20 men (3) 24 men (2) 16 men (1) 28 men In a town of 10,000 families it was found that 40% family buy newspaper A, 20% buy newspaper B and 10% families buy newspaper C, 5% families buy A and B, 3% buy B 3. and C and 4% buy A and C. If 2% families buy all the three newspapers, then number of families which buy A only is : (4) 1400 (3) 2900 (2) 3300 (1) 3100 4. Five coins whose faces are marked 2, 3 are tossed. The chance of obtaining a total of 12 is : (4) 5/16 (3) 3/16 (2) 1/16 (1) 1/325. The average speed of a car is 75 kmph. What will be the average speed of the car, if the driver decreases the average speed of the car by 40 per cent ? (4) 55 kmph (3) 40 kmph (2) 45 kmph (1) 50 kmph The work done by a woman in 8 hours is equal to the work done by a man in 6 hours and by a boy in 12 hours. If working 6 hours per day 9 men can complete a work in 6 6. days then in how many days can 12 men, 12 women and 12 boys together finish the same work working 8 hours per day ? (4) 2 days (2) $3\frac{1}{2}$ days (3) 3 days (1) $1\frac{1}{2}$ days 7. How many even numbers of 3 different digits can be formed from the digits 1, 2, 3, 4, 5, 6, 7, 8, 9 (repetition is not allowed)? (4) None of these (3) 324 (2) 280 (1) 224 8. If 40% of a number is 256, then what is 25% of that number? (4) 210 (3) 160 (2) 150 (1) 260 9. The prices of a Car and a Motorcycle are in the ratio 7 : 5. If the Car costs 8000 USD more than a Motorcycle set, then the price of a Car set is : (3) USD 28,000 (4) USD 32,000 (2) USD 42,000 (1) USD 10,000 P. T. O. FYMOBA-EE-2022/(SET-X)/(D)
- 1. A dice is thrown 5 times, then the probability that an even number will come up exactly 3 times is :
 - (4) 3/2(1) 5/16 (2) 1/2(3) 3/16

A certain number of men can do work in 45 days. If there were 4 men less it could be 2.

D

- **10.** The expenditure of a family for a certain month were as follows :
 - Food Rs. 560, Rent Rs. 420, Clothes Rs. 180, Education Rs. 160, Other items Rs. 120

A pie graph representing this data would show the expenditure for clothes by a sector whose angle equals :

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D

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21. If Fatima sells 60 identical toys at a 40% discount on the printed price, then she makes 20% profit. Ten of these toys are destroyed in fire. While selling the rest, how much discount should be given on the printed price so that she can make the same amount of profit ?

- (1) 30% (2) 25% (3) 24% (4) 28%
- 22. A merchant buys 80 articles, each at Rs. 40. He sells n of them at a profit of n% and the remaining at a profit of (100 n)%. What is the minimum profit the merchant could have made on this trade ?
 - (1) Rs. 2,160 (2) Rs. 1,420 (3) Rs. 1,580 (4) Rs. 2,210

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Instructions for Question Nos. 23, 24 & 25 :

The pie chart given below represents the domestic expenditure of a family in percent. Study the chart and answer the following three questions (23, 24 & 25) if the total monthly income of the family is Rs. 33,650.



23.	The house rent p	er month is :		<u>م</u>
	(1) Rs. 6,000	(2) Rs. 6,152	(3) Rs. 6,057	(4) Rs 6 048

- 24. After Provided fund deductions and payment of house rent, the total monthly income of the family remains :
 - (1) Rs. 23,545 (2) Rs. 24,435 (3) Rs. 23,555 (4) Rs. 25,355
- 25. The total amount per month the family spends on food and entertainment combined together is :
 - (1) Rs. 11,432 (2) Rs. 11,441 (3) Rs. 12,315 (4) Rs.12,443
- Which of the following standard deals with the environment? 26.
 - (1) ISO 9000 (2) ISO - 26000 (3) ISO - 14000
 - (4) All of the above

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- 27. GST is imposed on the following goods :
 - (1) Gold jewellery (2) Petrol (3) Liquor (4) CNG
- Jaguar & Land Rover are the brands of which business group ? 28. (1) Birla group
 - (2) Tata group (3) Reliance group (4) Maruti
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29. Who is the founder of Google? (1) Larry Page & Steve Maddan (2) Sergey Brin & Steve Jobs (3) Larry Page & Sergey Brin (4) Henery Ford & Steven Spielberg **30.** Who is known as 'Flying Sikh'? (4) Duleep Singh (1) K. D. Jadhav (2) Milkha Singh (3) Pargat Singh 31. WTO, an international organization is dealing with : (4) Finance (3) Sanitization (1) Trade (2) Health **32.** Which of the following city is going to host Olympics 2024? (4) Paris (1) Manila (2) Tokyo (3) Sydney **33.** P. V. Sindhu is associated with which of the following game? (4) Cricket (3) Badminton (2) Tennis (1) Archery Which of the following is not a social networking site? 34. (4) Linkedin (2) Twitter (3) Instagram (1) E-bay 35. Which newspaper Logo bears 'Let Truth Prevail'? (2) The Times of India (1) The Hindu (4) The Tribune (3) The Indian Express **36.** Unicorn companies are : (1) Those that reach a valuation of \$1 billion after listing in stock market. (2) Those that reach a valuation of \$1 million without being listed in stock market. (3) Those that reach a valuation of \$1 million after listing in stock market. (4) Those that reach a valuation of \$1 billion without being listed in stock market. 37. The author of world famous 'Harry Potter' series is : (2) Salman Rushdie (1) Chitra Banerjee Divaksruni (4) J. K. Rowling (3) Arundhati Ray 38. 'Trade deficit' means : (2) Import > Export (1) Export > Import (4) Import < Export (3) Export = Import

P. T. O.

39	The term 'The Givi(1) Corporate gove(3) CSR	ng Pledge' is related ernance	d with : (2) Business Ethic (4) Media	S	
40.	Name the State that (1) Maharashtra	t topped Khelo Indi (2) Gujarat	a games 2022 ? (3) Punjab	(4)	Haryana
41.	Satya Nadella is the (1) Microsoft	e CEO of : (2) Google	(3) Apple	(4)	Intel
42.	Baht is the currency (1) Malaysia	y of : (2) Thailand	(3) Indonesia	(4)	Vietnam
43.	Which of the follow (1) Sales tax (3) Custom duty	ving is <i>not</i> indirect	tax in Indian economy (2) Excise duty (4) Corporate tax	?	
44.	Who receive incom(1) Union Territory(3) State Govt.	e from income tax	? (2) Central Govt. (4) All of the abov	e	
45.	India is the member (1) BRICS	of following econd (2) NAFTA	omic grouping : (3) EU	(4)	ASEAN
46.	Who is Minister of (1) Piyush Goyal (3) Suresh Prabhu	Commerce and Ind	ustry in India ? (2) Nirmala Sithar (4) Nitin Gadkari	aman	
47.	Which of the follow (1) Aramco	ing is <i>not</i> a Tech C (2) Apple	company ? (3) Google	(4)	Microsoft
48.	According to the li Company has made	st of most ethical it to the list ?	companies in the v	vorld	(2022) which Indian
49.	How many sectors a	re included in 'Mak	(5) wipio	(+)	IICL .
	(1) 20	(2) 25	(3) 30	(4)	35
50.	Name the statement period.	wherein expected (2) Plan	(3) Schedule	in q	uantitative terms for a Budget
	(-)		() Seneulie		2 augur

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51.	The Dog sprang	the table.			2
	(1) From	(2) On	(3) At	(4)	Upon
52.	One must take pric	le serving	one's country.		
	(1) In	(2) With	(3) At	(4)	For
53.	I met Ajay	the way.			
	(1) In	(2). Of	(3) On	(4)	At
54.	The fool has parke	d his Jeep right	the entrance.		
	(1) Beyond	(2) Within	(3) At	(4)	On
55.	I never use an ATM	M card, I always sett	le bills cas	h.	
	(1) By	(2) In	(3) With	(4)	То
Direc oppos	tions : For Questi site in meaning to th	ions 56-60 . In each he underlined word.	question select the	e appr	opriate word that is
56.	Recession is a maj	or cause of Unemplo	oyment.		
	(1) Education	(2) Poverty	(3) Indigence	(4)	Inflation
57.	Sagacious decision	ns taken at right time	in career has long ef	fects.	
	(1) Foolish	(2) Thoughtful	(3) Intelligent	(4)	Intuitive
58.	The Teacher reject	ed his <u>ludicrous</u> prop	posal.		
	(1) Reasonable	(2) Stupid	(3) Farcical	(4)	Awkward
59 .	Squandering mone	y is a bad habit.			
	(1) Stealing	(2) Discarding	(3) Hoarding	(4)	Donating
60.	Man's basic nature	is to be <u>ebullient</u> .			
*	(1) Vibrant	(2) Exuberant	(3) Elated	(4)	Woeful
Direc follow	t ions : For Questie ving :	ons 61-65. Tick mai	rk the appropriate of	one we	ord equivalent in the
61.	A place where bird	ls are kept.	,		
	(1) Aquarium	(2) Cage	(3) Aviary	(4)	Sty
62.	A system of govern	nment in which pries	ts rule in the name o	f God.	
	(1) Plutocracy	(2) Aristocracy	(3) Theocracy	(4)	Purist
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63 .	A newly coined wo	ord or expression by a	an author.	
	(1) Reticent	(2) Philistine	(3) Neologism	(4) Truism
64.	The practice of wri	iting dictionaries is ca	alled :	
	(1) Lexicography		(2) Gerontology	
	(3) Demography		(4) Philology	
65.	The study of ancier	nt writing and scriptu	res :	
	(1) Numismatics		(2) Psephology	
	(3) Palaeography		(4) Calligraphy	
Direc	tions : For Question	ns 66-70. Read the fol	llowing sentence and	tick mark the error.
66.	He/will return/on e	either Monday or Tue	sday./No error	
	1 2	3	4	
67.	Playing the / Piano	and singing/ simulta	neously/ are difficult	· · · · · · · · · · · · · · · · · · ·
	1	2	3 4	
68.	Neither Smith/ nor	Martin/ are responsil	ale /No error	
	1			
	1	2 3	4	
69.	It is I/ who is / to n	nake / a call.		
	1 2 3	4		
70.	Mr. Haskins dislike	ed/ me asking/ so mai	ny/ Questions.	
	1	2 3	4	
Direc blank	t ions : For Questio	ons 71-75. Pick out t	he correct word of	the following to fill in the
71.	We were not impre	essed by spe	aking softly.	
	(1) Him	(2) His	(3) Its	(4) Us
72.	Last week our Cler	gyman reminded us t	hat living the upright	lifea discipline
	(1) Is	(2) Was	(3) Will be	(4) Can be
73.	He will not bring th	he car here without	him.	
	(1) I tell	(2) We tell	(3) My telling	(4) They tell

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74	. Help yourself	Help yourself whatever you can use without wasting.				
	(1) With	(2) To	(3) In	(4) For		
75.	. Rahul was found	to the requ	ired qualifications for	the job.		
	(1) Contain	(2) Disclose	(3) Posses	(4) Acquire		
76.	P, Q, R, S, T, U right hand side of between R and Q the following is t	and V are sitting in R, is not to the imn If Q and R interchance If Q?	a circle facing the centre nediate right to V. U ange places so as to be	ntre. S, who is second to the is not between V and T. P is like T and V, then which of		
	(1) S is third to the (2) O is family (2)	ne right of R	(2) T is second to	the left of R		
	(3) Q is fourth to	the right of T	(4) None of the a	bove		
77.	Five shirts are pla shirt is below the below the Green s (1) White	Correction of the colour of th	heap, Red shirt is abo shirt is above the Ora he shirt between Red (3) Blue	we the Blue shirt and Green ange shirt and White shirt is and Orange is : (4) None of these		
78.	A, B, C, D, E, F a two of whom, F Engineer and mar and G is their child	and G are members and G are girls, A ried to one of the b d. Who is C? [*]	of a family consisting and D are brothers prothers and has two	g of 4 adults and 3 children, and A is Doctor. E is an children. B is married to D		
	(1) G's lainer	(2) F's father	(3) E's daughter	(4) A's son		
79.	The number of bo following numbers	bys in a class in thr s cannot represent th	tee times the number e total number of chil	of girls. Which one of the dren in the class ?		
	(1) 40	(2) 44	(3) 42	(4) 40		
80.	A worker may clai which he drives hi how many kilomet	m Rs. 15 for each ki s own car. If in one ers did he travel by	m which he travels by week, he claimed Re taxi ?	v taxi and Rs. 5 for each km s. 500 for travelling 80 km,		
	(1) 10	(2) 20	(3) 30	(4) 80		
81.	Four girls are sittin (i) Sheela is to the (ii) Meena is to the (iii) Rita is in betwee Who would be seed	g on chairs for a gro e left of Rani e right of Rani een Rani and Meena ond from the left in t	oup photograph : the photograph ?			
	(1) Meena	(2) Sheela	(3) Rani	(4) Rita		
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P. T. O.

- In a certain code 'INACTIVE' is written as VITCANIE. How is 'COMPUTER' written 82. in that code? (1) UTEPMOCR (2) MOCPETUR (4) PMOCRETU (3) ETUPMOCR 83. Which number would replace blank space in the series ? 1, 20, 58,, 191 (1) 105 (2) 115 (3) 111 (4) 11684. Introducing a girl, Rahul said, "Her mother is the only daughter of my mother-in-law". How is Rahul related to this girl? (4) Father (1) Uncle (2) Brother (3) Husband 85. If the code for 'CHAP' is 'XSZK', then what is 'WVZU' the code for ? (1) LEAP (3) DEAF (4) COST (2) MOST The four Venn diagrams are (1), (2), (3) and (4) are given below. Elements of the 86. following can be represented by any one of the diagrams. Choose the correct Venn diagram from the options : Males, Cousins, Nephews (2)(3) (4)(1)How many dots lie opposite to the face having three dots, when the given figure is 87. folded to form a cube?
 - (1) 2 (2) 4

(3) 5

(4) 6

- **88.** Rearrange the jumbled alphabets in the following option and find the odd word among them :
 - (1) YOJ
 - (3) TEIHGTEDMNL

(2) SNAPIHSPE(4) RHICA

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89. AEZ : EIY : IOX :

(1) UYZ (2) AEX (3) EIX (4) OUW

90. Five students participated in the scholarship examination. 'Sudha' scored higher than Puja. Kavita scored lower than Suma but higher than Sudha. Mamta scored between Puja and Sudha. Who scored lowest in the examination ? (1) Puja (2) Kavita

(3) Mamta (4) Sudha

91. Five senior citizens are living in a multi-storied building. Mr. Bhagat lives in a flat above Mr. Ashokan, Mr. Lokesh lives in a flat below Mr. Gaurav, Mr. Ashokan lives in a flat above Mr. Gaurav and Mr. Rakesh lives in a flat between Mr. Lokesh. Who lives in the topmost flat?

(1) Mr. Bhagat (2) Mr. Gauray (3) Mr. Lokesh (4) Mr. Rakesh

There are 30 plants of Chiku, Guava, Sitafal and Mango in a row. There is one pair of 92. Mango plants after Chiku and Guava and Mango plants are followed by one Chiku and one Sitafal plant and so on. If the row beings with a plant of Chiku, then which of the following will be in the last of the row?

(1) Chiku (2) Guava (3) Mango (4) Sitafal

Thirty six vehicles are parked in a parking lot in a single row. After the first car, there 93. is one scooter. After the second car, there are two scooters. After the third car there are three scooters and so on. Work out the number of scooters in the second half of the row?

(1) 10(2) 12 (3) 15 (4) 17

A, B, C, D, E and F are sitting around a round table. A is between E and F, E is 94. opposite D and C is not in either of the neighbouring seats of E. Who is opposite to B? (1) F (2) C (3) D (4) None of these

Manu goes 40 km North, turns right and goes 80 km, turns right again and goes 30 km. 95. In the end, he turns right again and goes 80 km. How far is he from his starting point if he goes straight ahead another 50 km and turns left to go his last 10 km ?

(1) 10 km(2) 30 km (3) 40 km (4) 50 km

If the third day of a month is Monday, which of the following will be the fifth day from 96. 21st of that month?

(2) Monday (3) Wednesday (1) Tuesday (4) Thursday **YMOBA-EE-2022/(SET-X)/(D)**

D

- 97. A is B's brother, "I have as many sisters as brothers" tells B to one of her friends. How many brothers and sisters are there in this family.
 - (1) Two brothers and two sisters (2) One brothers and one sister
 - (3) One brother and two sisters (4) Two brothers and one sister

98. Ravi and Dinesh are the sons of Mr. and Mrs. Gupta. 'Ravi' has married to 'Surya' and this couple is blessed with 'Tarun', 'Vinni' and 'Minni'. Seema is married to Tarun and they are blessed with 'Zeena' a beautiful daughter. How is Dinesh is related to 'Tarun' ?

99. A train runs 120 km in West direction, 30 km in South direction and then 80 km in East direction before reaching the station. In which direction in the station from the trains starting point ?

(1) South West (2) North West (3) South East (4) South

- 100. If 27th March, 1995 was a Monday, then what day of the week was 1st November, 1994 ?
 - (1) Sunday (2) Monday (3) Tuesday (4) Wednesday

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L.

⁽¹⁾ Brother (2) Father (3) Uncle (4) Brother-in-law

Answe	er key for M	.B.A. 5 Years(Integ	rated) for all Series	s/Codes 2022
Q.No	A	В	С	D
1	2	1	3	2
2	1	2	1	3
3	3	2	2	4
4	3	1	3	3
5	2	2	2	1
6	4	1	1	3
7	1	1	4	3
8	1	3	3	2
9	3	3	1	4
10	4	3	2	3
11	3	4	4	4
12	3	2	4	4
13	3	1	2	4
14	1	1	3	4
15	3	4	4	1
16	3	1	1	1
17	4	2	2	3
18	3	4	4	3
19	2	3	2	1
20	2	1	1	4
21	2	4	1	3
22	1	3	1	3
23	3	3	2	3
24	1	3	2	1
25	3	2	4	<u> </u>
20	ו ר	3	2	1
21	2	2	3	1
20	1	2	4	3
29	2	2	1	2
31	1	2	3	2
32	1	4	3	1
33	3	3	2	1
34	3	1	4	3
35	3	2	3	4
36	4	4	4	3
37	2	4	4	3
38	1	2	4	3
39	1	3	4	1
40	4	4	1	3
41	1	1	1	3
42	2	2	3	4
43	4	4	3	3
44	3	2	1	2
45	1	1	4	2
46	4	1	3	2
47	3	1	3	1

49	3	2	1	1
50	2	4	3	3
51	2	2	1	3
52	3	1	2	1
53	4	3	2	2
54	3	3	1	3
55	1	2	2	2
56	3	4	1	1
57	3	1	1	4
58	2	1	3	3
59	4	3	3	1
60	3	4	3	2
61	4	3	4	4
62	4	3	2	4
63	4	3	1	2
64	4	1	1	3
65	1	3	4	4
66	1	3	1	1
67	3	4	2	2
68	3	3	4	4
69	1	2	3	2
70	4	2	1	1
/1	3	2	4	1
72	3	I	3	1
73	J	31		2
74	1	3	<u>ວ</u>	
75	3	3	2	4
70	1	2	2	2
78	2	4	3	2
79	3	3	3	1
80	2	1	2	2
81	1	3	4	1
82	4	3	1	1
83	3	2	1	3
84	1	4	3	3
85	2	3	4	3
86	4	4	3	4
87	4	4	3	2
88	2	4	3	1
89	3	4	1	1
90	4	1	3	4
91	1	1	3	1
92	2	3	4	2
93	4	3	3	4
94	2	1	2	3
95	1	4	2	1
96	1	3	2	4
97	1	3	1	3

99	2	1	1	3
100	4	3	3	2