## Total No. of Printed Pages : 13

# (DO NOT OPEN THIS QUESTION BOOKLET BEFORE TIME OR UNTIL YOU ARE ASKED TO DO SO) FYMOBA-EE-2022

## 10649

Sr. No. .....

Time : 1¼ Hours	Max. Marks : 100	Total Questions : 100
Roll No. (in figures)	(in words)	T
Name	Father's Name	
Mother's Name		
2		

(Signature of the Candidate)

(Signature of the Invigilator)

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

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

A

1.	The Dog sprang (1) From	the table. (2) On	(3) At	(4) Upon
2.	One must take pride (1) In	e serving c (2) With	(3) At	(4) For
3.	I met Ajay (1) In	the way. (2) Of	(3) On	(4) At
4.	The fool has parked (1) Beyond	<ul><li>1 his Jeep right</li><li>(2) Within</li></ul>	<ul><li> the entrance.</li><li>(3) At</li></ul>	(4) On
5.	(1) By	1 card, I always settle (2) In	(3) With	(4) 10
<b>Direc</b> in me	aning to the underlin	ied word.		priate word that is opposite
6.	(1) Education	or cause of Unemploy (2) Poverty	(3) Indigence	(4) Inflation
7.	(1) Foolish	s taken at right time i (2) Thoughtful	(3) Intelligent	(4) Intuitive
8.	(1) Reasonable		osal. (3) Farcical	(4) Awkward
9.	Squandering mone (1) Stealing	y is a bad habit. (2) Discarding	(3) Hoarding	(4) Donating
10.	TT'I want	(2) Exuberant	(3) Elated	(4) Woeful
Dire	ctions : For Question	ons 11-15. Tick mar	k the appropriate of	ne word equivalent in the
follo	wing :	1 Standards .	t ali <sup>n</sup> i×in v d⊈i t	
11.	A place where bird (1) Aquarium	(2) Cage	(3) Aviary	(4) Sty
12.	A system of govern (1) Plutocracy	nment in which priest (2) Aristocracy	(3) Theocracy	(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

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					3
24.	Help yourself	whatever yo	u can use without v	wasting.	
•	(1) With	(2) To	(3) In	(4) For	
25.	Rahul was found	I to the rec	quired qualification	s for the job.	
	(1) Contain	(2) Disclose	(3) Posses	(4) Acquire	
26.	A dice is thrown 3 times is :	5 times, then the p	robability that an e	ven number will come up exact	ly
	(1) 5/16	(2) 1/2	(3) 3/16	(4) 3/2	
27.		er of men can do w ays more. How man		here were 4 men less it could b	be
	(1) 28 men	(2) 16 men	(3) 24 men	(4) 20 men	
28.	newspaper B and and C and 4% b	d 10% families buy	newspaper C, 5%	mily buy newspaper A, 20% bu families buy A and B, 3% buy e three newspapers, then numbe	В
	(1) 3100	(2) 3300	(3) 2900	(4) 1400	
29.	Five coins whose 12 is :	se faces are marked	12, 3 are tossed. The	he chance of obtaining a total	of
	(1) 1/32	(2) 1/16	(3) 3/16	(4) 5/16	
30.		eed of a car is 75 km the average speed		ne average speed of the car, if the cent?	ne
	(1) 50 kmph	(2) 45 kmph	(3) 40 kmph	(4) 55 kmph	
31.	and by a boy in days then in ho	12 hours. If working	ng 6 hours per day 12 men, 12 women	e work done by a man in 6 hou 9 men can complete a work in a and 12 boys together finish th	6
	(1) $1\frac{1}{2}$ days	(2) $3\frac{1}{2}$ days	(3) 3 days	(4) 2 days	
32.		n numbers of 3 diff petition is not allowe		formed from the digits 1, 2, 3,	4,
si de	(1) 224	(2) 280	(3) 324	(4) None of these	
	1f 400/af a num	nber is 256, then wh	at is 25% of that m	umber ?	
33.	11 40% OI a nun				
33.	(1) 260	(2) 150	(3) 160	(4) 210	
33.	it does a second to a	(2) 150	(3) 160	(4) 210 P. T.	1

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4		Α	A	
34.	The prices of a Car and a Motorcycle are in the ratio 7 : 5. If the Car costs 8000 USE 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	1	4	1. Guru togeth they v
35.	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	•	4	<ul><li>(1) A</li><li>(3) A</li><li>2. Five 1</li></ul>
	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			In ho empt (1) 2
36.	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 ?	т. В	4	3. There Mich
37	(1) 30 days(2) 70 days(3) 35 days(4) 60 daysA box contains 100 tickets numbered 1, 2,100. Two tickets are chosen at	t		one c (1) 3
57.	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	4. A bo shirts
	(1) $1/8$ (2) $13/15$ (3) $1/7$ (4) None of these			(1) 6
38.	In a battle 70% of the combatants lost one eye, 80% an ear, 75% an arm, 85% a leg, $x^{4}$ lost all the four limbs. The minimum value of x is :	)	4	15. Imag mana
	(1) 10 (2) 12 (3) 15 (4) None of these			day
39.	Bhavani invested an amount of Rs. 13,900 divided in two different schemes, A and B a the simple interest rate of 14% per annum and 11% per annum respectively if the tota			of th
	amount of simple interest earned in two year be Rs. 3,508, what was the amoun invested in Scheme B?	t	4	<b>16.</b> If Fa 20%
	(1) 6,400 (2) 6,500 (3) 7,200 (4) 7,900			disco profi
<sup>′</sup> 40.	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 b			(1) 3
	which produces 3%, 7%, and 2% defective products respectively. Find the percentage of non-defective products :		11	47. A me rema
	(1) 46% (2) 30% (3) 53% (4) 64%			have
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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	et a fra	(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%

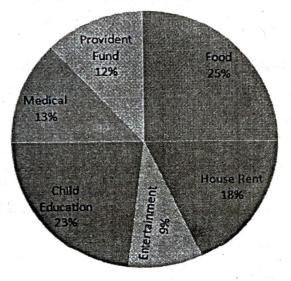
47. A merchant buys 80 articles, each at Rs. 40. He sells n of them at a profit of n% and the remaining at a profit of (100 - n)%. What is the minimum profit the merchant could have made on this trade ?

(1) Rs. 2,160 (2) Rs. 1,420 (3) Rs. 1,580 (4) Rs. 2,210 FYMOBA-EE-2022/(SET-X)/(A) 5

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?

(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

A

- (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	ne' dv	(2) 115	(3) 111	(4) 116
T. 4 . 1		D 1 1 1	UTTen mesthen is 41	n an tra Makelataria.

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

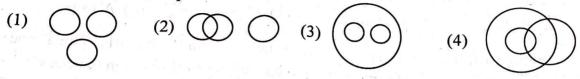
(1) Uncle	(2) Brother	(3) Husband	(4) Father
-----------	-------------	-------------	------------

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

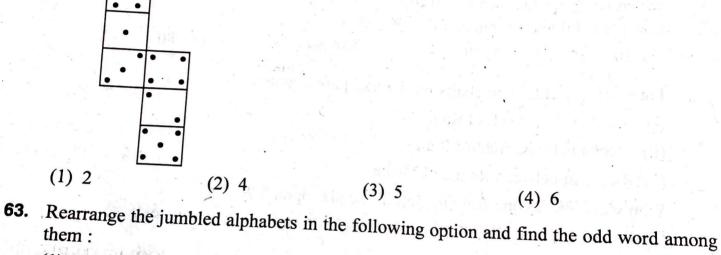
61.

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)

8

- 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' ?

Brother
Father
Uncle

FYMOBA-EE-2022/(SET-X)/(A)

P. T. O.

A A

85

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'?	
0.	(1) The Hindu (2) The Indian Evenue (2) The Times of India	
	(3) The Indian Express (2) The Times of metal	
	(3) The indian Express (4) The Tribune	
86.	Unicorn companies are :	
<b>.</b>	<ol> <li>Those that reach a valuation of \$1 billion after listing in stock market.</li> <li>Those that reach</li> </ol>	stock
	(2) Those that reach a valuation of \$1 million without being listed in market.	SLOCK
÷	(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
07	The author of world formand the	
0/.	The author of world famous 'Harry Potter' series is : (1) Chitra Baneriee Divelsonation (2) G lange Bushdie	.28
*	<ol> <li>(1) Chitra Banerjee Divaksruni</li> <li>(2) Salman Rushdie</li> <li>(3) Arundhati Ray</li> <li>(4) J. K. Rowling</li> </ol>	
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 ?	
50.	(1) Maharashtra (2) Gujarat (3) Punjab (4) Haryana	
91.		
	(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 <i>not</i> indirect tax in Indian economy ?	
	(1) Sales tax (2) Excise duty	
	(3) Custom duty (4) Corporate tax	
94.		
	(1) Union Territory (2) Central Govt. (4) All of the above	
	(3) State Govt. (4) All of the above	
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95.	India is the member of following economic grouping :
	(1) BRICS (2) NAFTA (3) EU (4) ASEAN
96.	Who is Minister of Commerce and Industry in India?
	(1) Piyush Goyal (2) Nirmala Sitharaman
2	(3) Suresh Prabhu (4) Nitin Gadkari
97.	Which of the following is <i>not</i> a Tech Company ?
u * *	(1) Aramco (2) Apple (3) Google (4) Microsoft
98.	According to the list of most ethical companies in the world (2022) which Indian Company has made it to the list?
	(1) TCS (2) Infosys (3) Wipro (4) HCL
99.	How many sectors are included in 'Make in India' program ?
	(1) 20 (2) 25 (3) 30 (4) 35
100.	Name the statement wherein expected results are expressed in quantitative terms for a period.
	(1) Program (2) Plan (3) Schedule (4) Budget

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Mother's Name\_\_\_\_\_ Date of Examination\_\_\_\_\_

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

 1, 20, 58, ......, 191

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

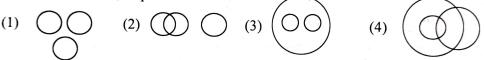
**9.** Introducing a girl, Rahul said, "Her mother is the only daughter of my mother-in-law" How is Rahul related to this girl ?

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

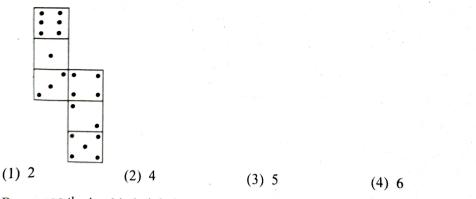
10. If the code for 'CHAP' is 'XSZK', then what is 'WVZU' the code for ?

- (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) TEIHGTED $MNL$		(2) SNAPIHSPE (4) RHICA		
14.	AEZ : EIY : IO			
	(1) UYZ	(2) AEX	(3) EIX	(4) OUW
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- **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

#### FYMOBA-EE-2022/(SET-X)/(B)

**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 brothe	ers 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 p	ride servin	ng 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 par	ked his Jeep right	the entrance	e.
	(1) Beyond	(2) Within		(4) On
30.	I never use an A	TM card, I always so	ettle 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
 FYMOBA-EE-2022/(SET-X)/(B)

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32.	<u>Sagacious</u> decisions taken at right time in career has long effects. (1) Foolish (2) Thoughtful (3) Intelligent (4) Intuitive
33.	The Teacher rejected his <u>ludicrous</u> proposal.(1) Reasonable(2) Stupid(3) Farcical(4) Awkward
34.	<u>Squandering money is a bad habit.</u> (1) Stealing (2) Discarding (3) Hoarding (4) Donating
35.	Man's basic nature is to be <u>ebullient</u> .(3) Elated(4) Woeful(1) Vibrant(2) Exuberant(3) Elated(4) Woeful
<b>Direc</b> follow	(1) Vibrant (2) Lines (2)
36.	A place where birds are kept.(3) Aviary(4) Sty(1) Aquarium(2) Cage(3) Aviary(4) Sty
37.	A system of government in which priests rule in the name of God.(1) Plutocracy(2) Aristocracy(3) Theocracy(4) Purist
38.	A newly coined word or expression by an author.(1) Reticent(2) Philistine(3) Neologism(4) Truism
39.	The practice of writing dictionaries is called :(1) Lexicography(2) Gerontology(3) Demography(4) Philology
40.	The study of ancient writing and scriptures :(1) Numismatics(2) Psephology(3) Palaeography(4) Calligraphy
Direc	ctions : For Questions 41-45. Read the following sentence and tick mark the error.
41.	He/will return/on either Monday or Tuesday./No error
	1234Playing the / Piano and singing/ simultaneously/ are difficult.
42.	Playing the / Plano and singing/ simulateously/ are difficult. 1 $2$ $3$ $4$
43.	Neither Smith/ nor Martin/ are responsible./No error
	1 2 3 4
FYMO	DBA-EE-2022/(SET-X)/(B) P. T.

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)

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55.	Who is known as 'F	lying Sikh' ?			
	(1) K. D. Jadhav	(2) Milkha Singh	(3) Pargat Singh	(4) Duleep Singh	
56.	WTO, an internatio	nal organization is d	ealing with :		
	(1) Trade	(2) Health	(3) Sanitization	(4) Finance	
57.	Which of the follow	ving city is going to	host Olympics 2024	?	
	(1) Manila	(2) Tokyo	(3) Sydney	(4) Paris	
58.	P. V. Sindhu is asso	ociated with which o	f the following game	?	
	(1) Archery	(2) Tennis	(3) Badminton	(4) Cricket	
59.	Which of the follow	ving is <i>not</i> a social n	etworking site ?		
1 m.	(1) E-bay	(2) Twitter	(3) Instagram	(4) Linkedin	
60.	Which newspaper I	Logo bears 'Let Truth	Prevail'?		
	(1) The Hindu		(2) The Times of I	ndia	
5.	(3) The Indian Exp	press	(4) The Tribune		
61.	Unicorn companies	are :			
		h a valuation of \$1 b	_		
(2) Those that reach a valuation of \$1 million without being market.				out being listed in	stock
		h a valuation of \$1 n	nillion after listing in	stock market.	
82 ° 2				ut being listed in	stock
62.	The author of world famous 'Harry Potter' series is :				
• 5	(1) Chitra Banerjee		(2) Salman Rushdi	ie	
	(3) Arundhati Ray		(4) J. K. Rowling		
63.	'Trade deficit' mean	is :			
	(1) Export > Import	t	(2) Import > Expo	rt	
e	(3) Export = Import	t	(4) Import < Expo	rt	
64.	The term 'The Givin	ng Pledge' is related	with :		
	(1) Corporate gove	ernance	(2) Business Ethic	S	
	(3) CSR		(4) Media		
65.	Name the State that	topped Khelo India	games 2022 ?		
	(1) Maharashtra	(2) Gujarat	(3) Punjab	(4) Haryana	
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66.		CEO of : (2) Google	(3) Apple	(4)	Intel
67.	Baht is the currency (1) Malaysia	of : (2) Thailand	(3) Indonesia	(4)	Vietnam
68.	<ul><li>Which of the follow</li><li>(1) Sales tax</li><li>(3) Custom duty</li></ul>	ing is <i>not</i> indirect tax	<ul><li>(a) Indian economy</li><li>(b) Excise duty</li><li>(c) Corporate tax</li></ul>	?	
69.	<ul><li>Who receive income</li><li>(1) Union Territory</li><li>(3) State Govt.</li></ul>		<ul><li>(2) Central Govt.</li><li>(4) All of the above</li></ul>	, ,	
70.	India is the member (1) BRICS	of following econom (2) NAFTA	nic grouping : (3) EU	(4)	ASEAN
71.	<ul><li>Who is Minister of</li><li>(1) Piyush Goyal</li><li>(3) Suresh Prabhu</li></ul>	Commerce and Indus	try in India ? (2) Nirmala Sithara (4) Nitin Gadkari	man	
72.	Which of the follow	ving is <i>not</i> a Tech Co	-		
	(1) Aramco	(2) Apple	(3) Google		Microsoft
73.	According to the l Company has made		companies in the w	orld	(2022) which Indian
	(1) TCS	(2) Infosys	(3) Wipro	(4)	HCL
74.	How many sectors	are included in 'Make	e in India' program ?		
	(1) 20	(2) 25	(3) 30	(4)	
75.	Name the statemen	t wherein expected r	esults are expressed	in qı	antitative terms for a
	period. (1) Program	(2) Plan	(3) Schedule		Budget
76.		times, then the proba	bility that an even nu	mber	will come up exactly
	3 times is : (1) 5/16	(2) 1/2	(3) 3/16	(4)	
77.	A certain number of	of men can do work more. How many me	in 45 days. If there v en are there ?	vere	4 men less it could be
	finished in 15 days (1) 28 men	(2) 16 men	(3) 24 men	(4)	20 men
de de		O/(B)			

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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)

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- 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

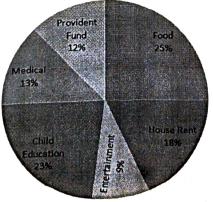
**96.** If Fatima sells 60 identical toys at a 40% discount on the printed price, then she makes 20% profit. Ten of these toys are destroyed in fire. While selling the rest, how much discount should be given on the printed price so that she can make the same amount of profit ?

- (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. c	of Printed Pages : 13
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		10647
	S	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	

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

#### 1. All questions are compulsory.

(Signature of the Candidate)

2. The candidates *must return* the question booklet as well as OMR Answer-Sheet to the Invigilato, 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.

(Signature of the Invigilator)

- **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 correc and complete booklet. Complaints, if any, regarding misprinting etc. will not be entertained 30 minutes after starting of the examination.

FYMOBA-EE-2022/(SET-X)/(C)

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1.	<ul> <li>Which of the following standard deals with the environment ?</li> <li>(1) ISO - 9000</li> <li>(2) ISO - 26000</li> <li>(3) ISO - 14000</li> <li>(4) All of the above</li> </ul>	
2.	GST is imposed on the following goods : (1) Gold jewellery (2) Petrol (3) Liquor (4) CNG	
3.	- 그는 것 같은 것 같	
4.	그는 그는 그는 그는 것은 것은 것을 가지 않는 것이 같아. 이 것은 것은 것은 것은 것을 가지 않는 것이 없는 것이 없다.	
5.	Who is known as 'Flying Sikh' ? (1) K. D. Jadhav (2) Milkha Singh (3) Pargat Singh (4) Duleep Singh	,
6.	WTO, an international organization is dealing with : (1) Trade (2) Health (3) Sanitization (4) Finance	
7.	Which of the following city is going to host Olympics 2024 ?(1) Manila(2) Tokyo(3) Sydney(4) Paris	
8.	<ul> <li>P. V. Sindhu is associated with which of the following game ?</li> <li>(1) Archery (2) Tennis (3) Badminton (4) Cricket</li> </ul>	
9.	Which of the following is not a social networking site ?(1) E-bay(2) Twitter(3) Instagram(4) Linkedin	
10.	Which newspaper Logo bears 'Let Truth Prevail' ?(1) The Hindu(2) The Times of India(3) The Indian Express(4) The Tribune	
.11.	<ul> <li>Unicorn companies are :</li> <li>(1) Those that reach a valuation of \$1 billion after listing in stock market.</li> <li>(2) Those that reach a valuation of \$1 million without being listed in stoc market.</li> <li>(3) Those that reach a valuation of \$1 million after listing in stock market.</li> </ul>	
FYMO	<ul> <li>(4) Those that reach a valuation of \$1 billion without being listed in stoc market.</li> </ul>	
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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?

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(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)	<b>SNAPIHSPE</b>
(3) TEIHGTEDMNL	(4)	RHICA

**39.** AEZ : EIY : IOX : .....

- (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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6	C				
46.	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				
47.	<ul> <li>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.</li> <li>(1) Two brothers and two sisters</li> <li>(2) One brothers and one sister</li> <li>(3) One brother and two sisters</li> <li>(4) Two brothers and one sister</li> </ul>				
48.	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				
49.	<ul> <li>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 ?</li> <li>(1) South West (2) North West (3) South East (4) South</li> </ul>				
50.	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				
51.	A dice is thrown 5 times, then the probability that an even number will come up exactly3 times is :(1) 5/16(2) 1/2(3) 3/16(4) 3/2				
52.	A certain number of men can do work in 45 days. If there were 4 men less it could be finished in 15 days more. How many men are there?				
53.	<ul> <li>(1) 28 men</li> <li>(2) 16 men</li> <li>(3) 24 men</li> <li>(4) 20 men</li> </ul> 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				
54.	12 is :				
FYMO	(1) $1/32$ (2) $1/16$ (3) $3/16$ (4) $5/16$ OBA-EE-2022/(SET-X)/(C)				

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

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 :

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- (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) A	After 115 hours .	(2)	After 125 hours	
(3) A	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%

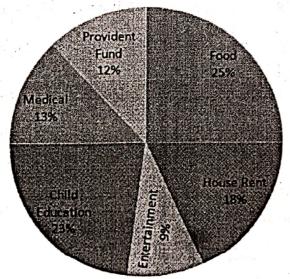
72. A merchant buys 80 articles, each at Rs. 40. He sells n of them at a profit of n% and the remaining at a profit of (100 - n)%. What is the minimum profit the merchant could have made on this trade ?

(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 fur the family remain	s :		the total monthly income	of L fe
	(1) Rs. 23,545	(2) Rs. 24,435	(3) Rs. 23,555	(4) Rs. 25,355	
75.	The total amount together is :	per month the fami	ily spends on food a	and entertainment combin	ned
	(1) Rs. 11,432	(2) Rs. 11,441	(3) Rs. 12,315	(4) Rs.12,443	
Dire	ctions : For Questio	ns 76-80 fill in the b	lanks with correct pr	epositions :	
76.	The Dog sprang	the table.		da an binois bit, a stil	
	(1) From	(2) On	(3) At	(4) Upon	•
77.	One must take pri	de serving	, one's country.		
	(1) In	(2) With	(3) At	(4) For	
78.	I met Ajay	the way.	GINA MERCEDURING	stanning at a physic	
	(1) In		(3) On	· · · · · · · · · · · · · · · · · · ·	
79.	_	ed his Jeep right (2) Within	the entrance. (3) At	(4)∙ On	
80.	I never use an AT (1) By		tle bills ca (3) With		
<b>Direc</b> oppos	<b>ctions</b> : For Quest site in meaning to th	ions <b>81-85</b> . In each ne underlined word.	h question select th	e appropriate word that	t is
81.	<u>Recession</u> is a maj (1) Education	or cause of Unemplo (2) Poverty	oyment. (3) Indigence	(4) $I_{m} \in I_{m+1}$	
00	<u>,</u>			(4) Inflation	
82.	(1) Foolish	(2) Thoughtful	e in career has long e (3) Intelligent	ffects. (4) Intuitive	
83.	The Teacher reject	ted his <u>ludicrous</u> pro	posal.		
	(1) Reasonable	(2) Stupid	(3) Farcical	(4) Awkward	
84.	Squandering mone	ey is a bad habit.			
н. -	(1) Stealing	(2) Discarding	(3) Hoarding	(4) Donating	1
85.	Man's basic nature	is to be <u>ebullient</u> .			E
	(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 :

11

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86.			o galer toa horaft 188	
		Aviary	(4) Sty	
87.		e in the name of ( Theocracy	God. (4) Purist	
88.		thor. Neologism	(4) Truism	
89.	. The practice of writing dictionaries is called		ATTORNEY A CONTRACTOR	
		Gerontology Philology		
90.	. The study of ancient writing and scriptures :			
	(1) Numismatics (2)	Psephology Calligraphy		
Direc	ections : For Questions 91-95. Read the follows	ng sentence and t	ick mark the error	
91.	. He/will return/on either Monday or Tuesday			
	1 2 3	4		
92.	. Playing the / Piano and singing/ simultaneou	sly/ 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/ C 1 2 3	Questions. 4		3
<b>Direci</b> blank.	ections : For Questions 96-100. Pick out the k.	correct word of t	the following to fill in t	he
96.	We were not impressed by speakin	g softly.		
		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	e 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 wasti	ng.	
	(1) With	(2) To	(3) In	(4) For	
100.	Rahul was found to	the require	d qualifications for	the job.	
	(1) Contain	(2) Disclose	(3) Posses	(4) Acquire	
				슬 물 것이 같아. 그는 것이 많이 많이 없는 것 같아요. 그 말했다.	

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	Tota	al No. of Printed Pages : 13
	UESTION BOOKLET BEFOR ARE ASKED TO DO SO) FYMOBA-EE-2022	SET-X
		10648
		Sr. No
Time : <b>1¼ Hours</b> Roll No. (in figures)	Max. Marks : 100 (in words)	Total Questions : 100

Name -Mother's 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.

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- **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

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

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16. 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 ?

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(3)	After 120 hours	(4) After 210 hours

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

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 ?

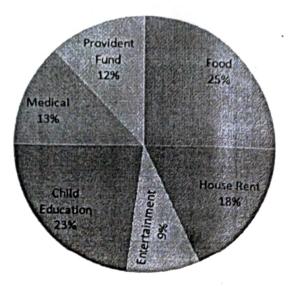
- (1) 30% (2) 25% (3) 24% (4) 28%
- 22. A merchant buys 80 articles, each at Rs. 40. He sells n of them at a profit of n% and the remaining at a profit of (100 n)%. What is the minimum profit the merchant could have made on this trade ?
  - (1) Rs. 2,160 (2) Rs. 1,420 (3) Rs. 1,580 (4) Rs. 2,210

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P. T. O.

## 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 :		•
	(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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FYMOBA-EE-2022/(SET-X)/(D)

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	<ul> <li>The term 'The Givi</li> <li>(1) Corporate gove</li> <li>(3) CSR</li> </ul>	ng Pledge' is related ernance	with : (2) Business Ethics (4) Media		
40.	Name the State tha (1) Maharashtra	t topped Khelo India (2) Gujarat	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 ta	(2) Excise duty (4) Corporate tax	?	
44.	<ul><li>Who receive incom</li><li>(1) Union Territory</li><li>(3) State Govt.</li></ul>		<ul><li>(2) Central Govt.</li><li>(4) All of the above</li></ul>		
45.	India is the member (1) BRICS	of following econor (2) NAFTA	nic grouping : (3) EU	(4)	ASEAN
46.	Who is Minister of (1) Piyush Goyal (3) Suresh Prabhu	Commerce and Indus	stry in India ? (2) Nirmala Sithara (4) Nitin Gadkari	man	
47.	Which of the follow (1) Aramco	e		(4)	Microsoft
48.	According to the li Company has made (1) TCS				(2022) which Indian
49.	How many sectors a (1) 20	re included in 'Make (2) 25		(4)	35 Sam
50 <i>.</i>	period.	and the second sec	esults are expressed (3) Schedule		uantitative terms for a Budget
FYMO	BA-EE-2022/(SET-X)	/(D)			

51.	The Dog sprang					v	
	(1) From	(2) On		At	(4)	Upon	
52.		e serving o	one's	country.			
12	(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 parked	l his Jeep right		the entrance.			
	(1) Beyond	(2) Within	(3)	At	(4)	On	
55.	I never use an ATM	1 card, I always settle	bill	s cash	•		
	(1) By	(2) In	(3)	With	(4)	То	
<b>Direc</b> oppos	tions : For Questic site in meaning to the	ons <b>56-60</b> . In each underlined word.	ques	tion select the	appi	ropriate word	that is
56.	Recession is a majo	or cause of Unemploy	men	t.			
	(1) Education	(2) Poverty	(3)	Indigence	(4)	Inflation	
57.	Sagacious decisions	s taken at right time i	n car	eer has long effe	ects.		
	(1) Foolish	(2) Thoughtful	(3)	Intelligent	(4)	Intuitive	
58.	The Teacher rejecte	d his <u>ludicrous</u> propo	osal.				
	(1) Reasonable	(2) Stupid	(3)	Farcical	(4)	Awkward	
59.	Squandering money	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	
<b>Direc</b> follow	t <b>ions :</b> For Questio ving :	ns <b>61-65</b> . Tick mark	k the	appropriate on	ie w	ord equivalent	in the
61.	A place where birds	s are kept.					
	(1) Aquarium	(2) Cage	(3)	Aviary	(4)	Sty	
62.	A system of govern	ment in which priests	s rule	e in the name of	God		
×	(1) Plutocracy	(2) Aristocracy	(3)	Theocracy	(4)	Purist	
FYMO	)BA-EE-2022/(SET-X	()/( <b>D</b> )					P. T. O.

63.		ord or expression by a	an author.	
	(1) Reticent	(2) Philistine	(3) Neologism	(4) Truism
64.	The practice of wri	ting dictionaries is ca	illed :	т. 1
	(1) Lexicography	·	(2) Gerontology	
	(3) Demography		(4) Philology	
65.	The study of ancier	nt writing and scriptu	res :	
*	(1) Numismatics	C I	(2) Psephology	
	(3) Palaeography		(4) Calligraphy	
Direc	tions : For Question	s 66-70. Read the fol	lowing sentence and	tick mark the error.
66.	He/will return/on e	ither 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 responsib	ole./No error	
	1	2 3	4	
69.	It is I/ who is / to m	nake / a call.		
	1 2 3	4		· · · ·
70	Mr. Haskins dislike	ed/ me asking/ so mai	w/ Questions	
70.			ly/ Questions.	
	1	2 3	4	
<b>Direc</b> blank	<b>tions :</b> For Questio	ns 71-75. Pick out t	he correct word of	the following to fill in the
71.	We were not impre	ssed by spe	aking softly.	
	(1) Him	(2) His	(3) Its	(4) Us
72.	Last week our Cler	gyman reminded us t	hat living the unright	life a discipline
	(1) Is	(2) Was	(3) Will be	
70				(4) Can be
73.		e car here without		te Santa de la constante de la cons
	(1) I tell	(2) We tell	(3) My telling	(4) They tell

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### FYMOBA-EE-2022/(SET-X)/(D)

			2		
74.	Help yourself	whatever you c	an use without wasti	ng.	
	(1) With	(2) To	(3) In	(4) For	
75.	Rahul was found to	o the requir	ed qualifications for	the job.	
	(1) Contain	(2) Disclose	(3) Posses	(4) Acquire	
76.	between R and Q. the following is <i>tru</i>	R, is not to the imme If Q and R interchang <i>ie</i> ?	ediate right to V. U i	tre. S, who is second to th s not between V and T. P i like T and V, then which o	S
	(1) S is third to the $(2)$ O is family of the family of		(2) T is second to		
	(3) Q is fourth to t	he right of T	(4) None of the ab	oove	
77.	shift is below the	ced on a shelf in a he Orange shirt. Blue shirt. The colour of the (2) Green	nirt is above the Ora	we the Blue shirt and Green nge shirt and White shirt is and Orange is : (4) None of these	1 5
78.	two of whom, F a	and G are girls, A a ied to one of the bro	and D are brothers	of 4 adults and 3 children and A is Doctor. E is an children. B is married to D	1
	(1) G's father	(2) F's father	(3) E's daughter	(4) A's son	
79.	The number of boy following numbers	ys in a class in three cannot represent the	e times the number total number of child	of girls. Which one of the lren in the class?	
	(1) 48	(2) 44	(3) 42	(4) 40	
80.	which he drives his	n Rs. 15 for each km own car. If in one v rs did he travel by ta	week, he claimed Rs	taxi and Rs. 5 for each km . 500 for travelling 80 km,	
	(1) 10	(2) 20	(3) 30	(4) 80	
81.	Four girls are sitting (i) Sheela is to the (ii) Meena is to the		p photograph :		
	(iii) Rita is in betwe				
		nd from the left in the	e photograph ?		
	(1) Meena	(2) Sheela	(3) Rani	(4) Rita	
FYMO	BA-EE-2022/(SET-X)	)/(D)		Р. Т. О	

- 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) 116 84. 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

FYMOBA-EE-2022/(SET-X)/(D)

## **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)** 

P. T. O.

- 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

FYMOBA-EE-2022/(SET-X)/(D)

L.

<sup>(1)</sup> Brother (2) Father (3) Uncle (4) Brother-in-law

	er key for M	.B.A. 5 Years(Integ	rated) for all Series	s/Codes 2022
Q.No	A	В	C	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	3
26	1	3	2	2
27	2	1	3	1
28	2	2	4	3
29	1	3	3	3
30	2	2	1	2
31	1	1	3	4
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
71	3	2	4	1
72	3	1	3	1
73	3	3	3	2
74	1	1	3	2
75	3	3	2	4
76	3	2	2	1
77	1	3	1	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

ę	9	2 1	1	3
10	0	4 3	3	2