

**MIZORAM PUBLIC SERVICE COMMISSION**  
**TECHNICAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF**  
**ASSISTANT ENGINEER (CIVIL) UNDER TOURISM DEPARTMENT,**  
**GOVERNMENT OF MIZORAM, FEBRUARY - 2020.**

**GENERAL STUDIES**

Time Allowed : 2 hours

FM : 100

*All questions carry equal mark of 1 each.*  
*Attempt all questions.*

1. Economic Survey is a Report of the Government, regarding:
  - (a) A survey where the government can improve only its economy.
  - (b) Selected sectors for improving economy.
  - (c) Survey in agriculture and industrial sector which are most economic sectors.
  - (d) A report card of different sectors for the current year.
2. Is it mandatory to fulfill proposals in the Economic Survey:
  - (a) At least 80%
  - (b) Not specified
  - (c) At least 60%
  - (d) None of these
3. When Economic Survey is laid in the Assembly/Parliament:
  - (a) Before Budget Session
  - (b) Only at the end of Financial Year
  - (c) Just after Budget Session
  - (d) In the beginning of Financial Year
4. Budget of the State/Union mainly refers to:
  - (a) Policy of Receipts and Expenditure
  - (b) Fund segregated for priority sector
  - (c) Proposal of annual Receipts and Expenditure.
  - (d) Target to be achieved in Government Receipts.
5. Pertaining to Union Budget discussion:
  - (i) Budget discuss in both the houses.
  - (ii) Budget to be passed by both houses on vote.
  - (iii) Budget is voted only in Lok Sabha.
  - (iv) Budget to be tabled in both house simultaneously at the same time.

Select the correct statement:

- |                    |                   |
|--------------------|-------------------|
| (a) (i) and (iv)   | (b) (i) and (iii) |
| (c) (ii) and (iii) | (d) (ii) and (iv) |
- 
6. Prominent Mizo Personalities & Identities

(i) C.L. Rema	- IAS
(ii) Capt. L.Z. Sailo	- Padma Vibushan
(iii) Dr. Zairema	- Medical
(iv) B.Lalthangliana	- Religion

Choose the best/correct match on above:

- |              |                     |
|--------------|---------------------|
| (a) i and ii | (b) i only          |
| (c) ii only  | (d) all are correct |

7. Traditional Mizo measurements:

- |                   |                     |
|-------------------|---------------------|
| (i) Hlam          | - Sei zawng         |
| (ii) Banpuam tiat | - Ngil leh ngil loh |
| (iii) Beng thleng | - San zawng         |
| (iv) Thum khat    | - A dip leh dip loh |

Choose the best/correct matches:

- |               |                  |
|---------------|------------------|
| (a) i only    | (b) i and ii     |
| (c) i and iii | (d) All the four |

8. Traditional Mizo terminology:

- |                       |                      |
|-----------------------|----------------------|
| (i) Nauriltam         | - Hunbi              |
| (ii) Ramtangrual      | - Upat lam           |
| (iii) Chhul khat kual | - Lai na zawng zawng |
| (iv) Hmelchhiat lai   | - Hunbi              |

Choose the best/correct matches:

- |                   |                    |
|-------------------|--------------------|
| (a) i, ii and iii | (b) ii, iii and iv |
| (c) i, ii, and iv | (d) All the four   |

9. The NITI Aayog & which International organization has launched 'The Gandhian Challenge'?

- |            |            |
|------------|------------|
| (a) UNESCO | (c) UNICEF |
| (b) FAO    | (d) WHO    |

10. Who among the following is the first Chief of Defense Staff of the Indian Armed Forces?

- |                    |                     |
|--------------------|---------------------|
| (a) KV Krishna Rao | (b) Mukund Naravane |
| (c) Bipin Rawat    | (d) RKS Bhaduria    |

11. Oxford Dictionaries has named which word as its 2019 Word of the Year?

- |                     |                       |
|---------------------|-----------------------|
| (a) Climate Change  | (b) Climate Denial    |
| (c) Climate Anxiety | (d) Climate Emergency |

12. Justice Sharad Arvind Bobde, who has been sworn-in as the new Chief Justice of India (CJI), is a former Chief Justice of which High Court?

- |                    |                   |
|--------------------|-------------------|
| (a) Madhya Pradesh | (b) Gujarat       |
| (c) Maharashtra    | (d) Uttar Pradesh |

13. Qassim Soleimani, who was killed in the US Air Strike was the Military Commander of which Country?

- |           |            |
|-----------|------------|
| (a) Iraq  | (b) Iran   |
| (c) Syria | (d) Turkey |

14. The Statue of Unity is recently included in 8 Wonders of \_\_\_\_\_ list.

- |            |           |
|------------|-----------|
| (a) BRICS  | (b) SCO   |
| (c) UNESCO | (d) SAARC |

15. Schistura syngkai, recently discovered in Meghalaya is the scientific name of which type of species?

- |          |            |
|----------|------------|
| (a) Cat  | (b) Lizard |
| (c) Frog | (d) Fish   |

16. The first-ever International Conference on "Landslides Risk Reduction and Resilience" was held in which city?

- |             |               |
|-------------|---------------|
| (a) Japan   | (b) London    |
| (c) Beijing | (d) New Delhi |

17. The first Asian country to be the 'Guest of Honour Country' at the International Book fair in Mexico is  
(a) China (b) Japan  
(c) India (d) Australia
18. Which city organized the 3rd edition of Khelo India Youth Games?  
(a) Kolkata (b) Indore  
(c) Guwahati (d) Chennai
19. Which education board in India is to introduce AI in schools from the session 2019-20?  
(a) ICSE (b) MBOS  
(c) CBSE (d) HBSE
20. Which of the following language has recently been used for the first time in Rajya Sabha?  
(a) Bodo (b) Dogri  
(c) Maithili (d) Santhali
21. Which state has recently partnered with WEF to promote electric mobility?  
(a) Tamil Nadu (b) Karnataka  
(c) Punjab (d) Maharastra
22. Which rank has been achieved by India in the Climate Change Performance Index, 2019?  
(a) 7 (b) 9  
(c) 11 (d) 13
23. Which country has recently left 2050 Climate Neutrality Agreement of European Union?  
(a) Russia (b) Greece  
(c) USA (d) Poland
24. Which state/UT had recently approved the Electric Vehicle Policy, 2019?  
(a) Delhi (b) Bangalore  
(c) Kolkata (d) Chandigarh
25. Which state government has launched a new initiative "Meal in exchange for plastic waste"?  
(a) Karnataka (b) Odisha  
(c) Maharastra (d) West Bengal
26. What is the theme of the 5th India International Science Festival (IISF) held on 5th November 2019?  
(a) Science for Humanity (b) Science for New India  
(c) RISEN India (d) Boost New India
27. Which IIT has launched 'Arise-A Standing Wheelchair' for disabled?  
(a) IIT Madras (b) IIT Bombay  
(c) IIT Kharagpur (d) IIT Kanpur
28. Which company has introduced 'Project Zero' in India to remove counterfeit products?  
(a) Ebay (b) Amazon  
(c) Flipkart (d) Alibaba
29. Who has been named FIFA's Chief of global football development?  
(a) Anthony Taylor (b) Arsene Wenger  
(c) Pele (d) Igor Stimac

30. Which sportsman was recently named “BBC Sports Personality of the year 2019”?
- (b) Lewis Hamilton (b) Mo Farah  
(c) Troy Deeney (d) Ben Stokes
31. Who has been named as the 2019 Person of the Year by TIME magazine?
- (a) Ricky Gervais (b) Donald Trump  
(c) Greta Thunberg (d) LeBron James
32. Which film won the “Best motion Picture – Drama’ Award in the Golden Globe Awards, 2020?
- (a) Marriage Story (b) 1917  
(c) Once Upon a time in Hollywood (d) Joker
33. The 2019 Nobel prize in Chemistry has been awarded for discovery in which field?
- (a) Biological Clock (b) Cryo-electron microscopy  
(c) Lithium-ion batteries (d) Phage display of peptides
34. Which Indian economist has won the 2019 Nobel Economics Prize for study on poverty?
- (a) Abhijit Banerjee (b) Arvind Subramanian  
(c) Pranab Bardhan (d) Srijit Mukherji
35. Peter Handke received the Nobel Prize of 2019 in which field?
- (a) Physiology or Medicine (b) Literature  
(c) Peace prize (d) Economic Science
36. Who is the author of the book “Divine Comedy”?
- (a) Dante (b) Dostoevsky  
(c) Tolstoy (d) Dickens
37. Who is the author of the book “How to Avoid a Climate Disaster”?
- (a) Satya Nadella (b) Sundar Pichai  
(c) Bill Gates (d) Mark Zuckerberg
38. Switzerland recently minted World’s smallest Gold Coin featuring the image of \_\_\_\_.
- (a) Albert Einstein (b) Kobe Bryant  
(c) Mother Teresa (d) Karl Marx
39. The National Energy Conservation Day is observed on which date?
- (a) December 10 (b) December 12  
(c) December 14 (d) December 16
40. On which day National Voters day is celebrated.
- (a) December 25 (b) January 25  
(c) February 25 (d) March 25
41. Which of the following is posthumously awarded to Arun Jaitley?
- (a) Bharat Ratna (b) Padma Shri  
(c) Padma Vibhushan (d) Padma Bhushan
42. Grammy 2020 Record of the year is awarded to?
- (a) Billie Eilish (b) Ariana Grande  
(c) Post Malone & Swae Lee (d) Lizzo

43. The Mizoram Peace Accord, 1986 was signed on ?  
(a) March 30 (b) April 30  
(c) May 30 (d) June 30
44. Mizoram is the \_\_\_\_\_ State of the Indian Union?  
(a) 22<sup>nd</sup> (b) 23<sup>rd</sup>  
(c) 24<sup>th</sup> (d) 25<sup>th</sup>
45. Who among the following is the first to come to Mizoram?  
(a) TH Lewin (b) William Williams  
(c) JH Lorrain (d) DE Jones
46. The Union Territory of Mizoram came into being on 21st January, 19\_\_  
(a) 71 (b) 72  
(c) 73 (d) 74
47. The 70th Constitution Day of India has celebrated on which date?  
(a) 25<sup>th</sup> November, 2019 (b) 26<sup>th</sup> November, 2019  
(c) 27<sup>th</sup> November, 2019 (d) 28<sup>th</sup> November, 2019
48. Under which of the following Articles of the Indian Constitution of India, the President can impose Presidential Rule in a State?  
(a) Article 360 (b) Article 365  
(c) Article 356 (d) Article 350
49. Which among the following is not listed in the Sixth Schedule of the Constitution of India?  
(a) Mizoram (b) Meghalaya  
(c) Tripura (d) Manipur
50. In the Citizenship Amendment Act 2019, which of the following religion is not mentioned?  
(a) Parsi (b) Christian  
(c) Jain (d) Sufi
51. Which of the following words is not included in the Preamble of the Indian Constitution?  
(a) Dignity (b) Justice  
(c) Liberty (d) Equality
52. Aryabhata was renowned for?  
(a) Medicine (b) Astronomy  
(c) Philosophy (d) Biology
53. Who was the last Viceroy of British India?  
(a) Lord Mountbatten (b) Lord Curzon  
(c) Lord Canning (d) Lord Irwin
54. Who gave the order of Jallianwalla Bagh Massacre?  
(a) Reginald Dyer (b) John Saunders  
(c) Michael O'Dwyer (d) James Bouley
55. The Tectonic Plates of the Earth lies in?  
(a) Inner Core (b) Outer Core  
(c) Lithosphere (d) Asthenosphere

56. Which of the following planet has No Moon?  
(a) Venus (b) Mars  
(c) Jupiter (d) Uranus
57. Which is the largest Rice producing state in India?  
(a) Haryana (b) Punjab  
(c) Gujarat (d) West Bengal
58. How many Union Territories are there in India currently?  
(a) 6 (b) 7  
(c) 8 (d) 9
59. Tropic of Cancer passes through which of the following Village?  
(a) Sateek (b) Thiak  
(c) Maubuang (d) Keitum
60. The largest Freshwater lake "Lake Baikal" is located in?  
(a) Canada (b) Greenland  
(c) Russia (d) Poland
61. The study of Mountains is known as  
(a) Orology (b) Lithology  
(c) Acrology (d) Geology
62. Radioactivity was discovered by  
(a) Marie Curie (b) Henri Becquerel  
(c) Max Plank (d) Rutherford
63. What is the currency of United Arab Emirates?  
(a) Dinar (b) Rial  
(c) Riyal (d) Dirham
64. The Master Control Facility of ISRO is located in  
(a) Andhra Pradesh (b) Kerela  
(c) Karnataka (d) Tamil Nadu
65. The statue of Liberty was given to the People of the United States from the People of  
(a) United Kingdom (b) France  
(c) Spain (d) Italy
66. What is the chemical name of Vinegar?  
(a) Tartaric Acid (b) Malic Acid  
(c) Citric Acid (d) Acetic Acid
67. Longest Cell in human body is  
(a) Nerve Cell (b) Muscle Cell  
(c) Blood Cell (d) Skin Cell
68. A type of Coronavirus known as MERS is a term for \_\_\_\_\_ Resiratory Syndrome  
(a) Mild Echophraxia (b) Middle Edema  
(c) Middle East (d) Middle Echophraxia

69. Aluminium Salt used to Stop Bleeding is

- (a) Potash Alum
- (b) Aluminium Chloride
- (c) Nitrous Alum
- (d) Sulphur Alum

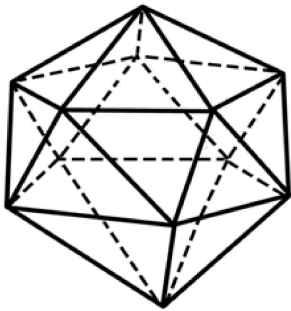
70. Who among the following discovered Neutron?

- (a) Thomson
- (b) Rutherford
- (c) Chadwick
- (d) Bohr

71. Which of the following is caused by deficiency of Vitamin A?

- (a) Rickets
- (b) Beri beri
- (c) Scurvy
- (d) Night blindness

72. Consider the following three-dimensional figure :



How many triangles does the above figure have?

- (a) 18
- (b) 20
- (c) 22
- (d) 24

73. Consider the following sum:

$$u + 1u + 2u + u3 + u1 = 21u$$

In the above sum, u Stands for

- (a) 4
- (b) 5
- (c) 6
- (d) 8

74. Consider the following pattern of numbers :

8	10	15	13
6	5	7	4
4	6	8	8
6	11	16	?

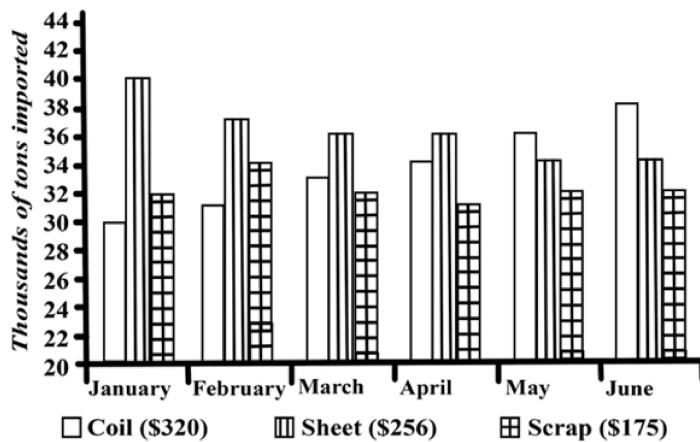
What number at '?' in the above pattern?

- (a) 17
- (b) 19
- (c) 21
- (d) 23

75. A train 200 metres long is moving at the rate of 40 kmph. In how many seconds will it cross a man standing near the railway line?

- (a) 12
- (b) 15
- (c) 16
- (d) 18

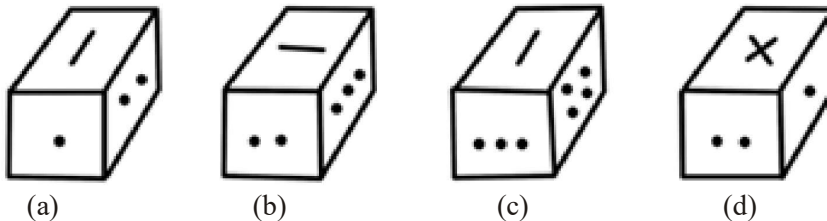
76. The following three items are based on the graph given below which shows imports of three different types of steel over a period of six months of a year. Study the graph and answer the three items that follow.



The figures in the brackets indicate the average cost per ton over six months period. What was the approximate total value (in \$) of sheet steel imported over the six months period?

- (a) 45,555 (b) 50,555  
(c) 55,550 (d) 65,750

**Directions (Questions 77 - 79) :** Rotated positions of a single solid are shown below. The various faces of the solid are marked with different symbols like dots, cross and line. Answer the three items that follow the given figures.

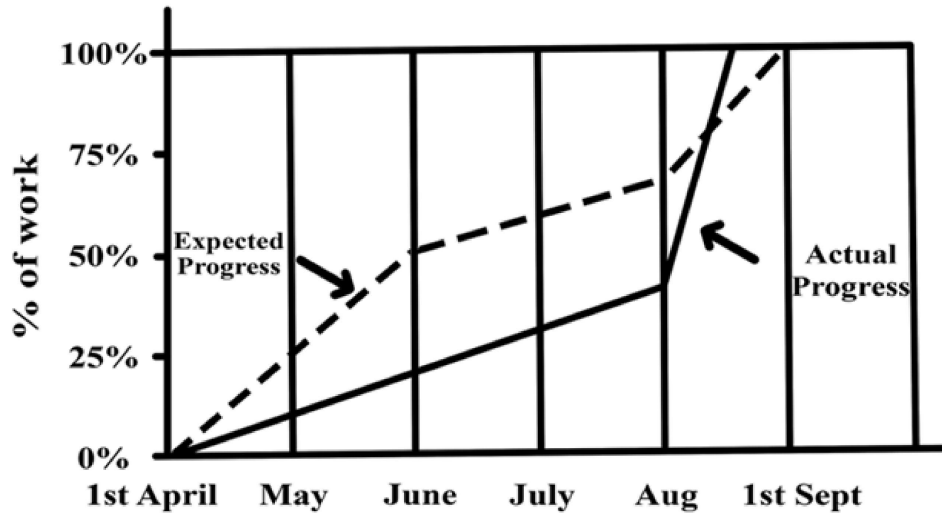


77. What is the symbol on the face opposite to that containing a single dot?  
(a) Four dots (b) Three dots  
(c) Two dots (d) Cross
78. What is the symbol on the face opposite to that containing two dots?  
(a) Single dot (b) Three dots  
(c) Four dots (d) Line
79. What is the symbol on the face opposite to that containing the cross?  
(a) Single dot (b) Two dots  
(c) Line (d) Four dots
80. If LYJEO is the code for MAMIT, the code for SAIHA is  
(a) RYFDV (b) TBJIB  
(c) RZHGZ (d) RBHIB



81. If RAMON is written as 12345 and DINESH as 675849, then HAMAM will be written as  
(a) 92233 (b) 92323  
(c) 93322 (d) 93232
82. X and Y are natural numbers other than 1, and Y is greater than X. Which of the following represents the largest number?  
(a) XY (b)  $X | Y$   
(c)  $Y | X$  (d)  $(X+Y) | XY$
83. A number consists of three digits of which the middle one is zero and their sum is 4. If the number formed by interchanging the first and last digits is greater than the number itself by 198, then the difference between the first and last digits is  
(a) 1 (b) 2  
(c) 3 (d) 4
84. A solid cube is 3 cm side, painted on all its faces, is cut up into small cubes of 1 cm side. How many of the small cubes will have exactly two painted faces?  
(a) 12 (b) 8  
(c) 6 (d) 4
85. If  $\text{Pen} < \text{Pencil}$ ,  $\text{Pencil} < \text{Book}$  and  $\text{Book} > \text{Cap}$ , then which one of the following is always true?  
(a)  $\text{Pen} > \text{Cap}$  (b)  $\text{Pen} < \text{Book}$   
(c)  $\text{Pencil} = \text{Cap}$  (d)  $\text{Pencil} > \text{Cap}$
86. A bag contains 15 red balls and 20 black balls. Each ball is numbered either 1 or 2 or 3. 20% of the red balls are numbered 1 and 40% of them are numbered 3. Similarly, among the black balls, 45% are numbered 2 and 30% are numbered 3. A boy picks a ball at random. He wins if the ball is red and numbered 3 or if it is black and numbered 1 or 2. What are the chances of his winning?  
(a)  $\frac{1}{2}$  (b)  $\frac{4}{7}$   
(c)  $\frac{5}{9}$  (d)  $\frac{12}{13}$
87. A student has to get 40% marks to pass in an examination. Suppose he gets 30 marks and fails by 30 marks, then what are the maximum marks in the examination?  
(a) 100 (b) 120  
(c) 150 (d) 300
88. A shopkeeper sells an article at ₹40 and gets X% profit. However, when he sells it at ₹20, he faces same percentage of 0 loss. What is the original cost of the article?  
(a) ₹10 (b) ₹20  
(c) ₹30 (d) ₹40
89. There are 24 equally spaced points lying on the circumference of a circle. What is the maximum number of equilateral triangles that can be drawn by taking sets of three points as the vertices?  
(a) 4 (b) 6  
(c) 8 (d) 12
90. Consider the sequence given below :  
4/12/95, 1/1/96, 29/1/96, 26/2/96, ....  
What is the next term of the series?  
(a) 24/3/96 (b) 25/3/96  
(c) 26/3/96 (d) 27/3/96

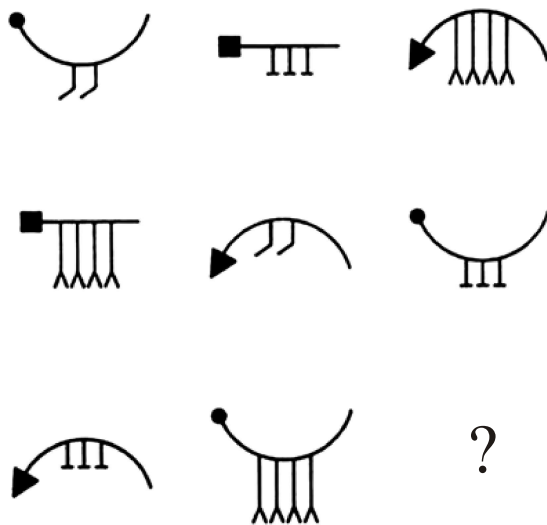
91. Consider the following graph :



Which one of the following statements is not correct with reference to the graph given above?

- (a) On 1st June, the actual progress of work was less than expected.
- (b) The actual rate of progress of work was the greatest during the month of August.
- (c) The work was actually completed before the expected time.
- (d) During the period from 1st April to 1st September, at no time was the actual progress more than the expected progress.

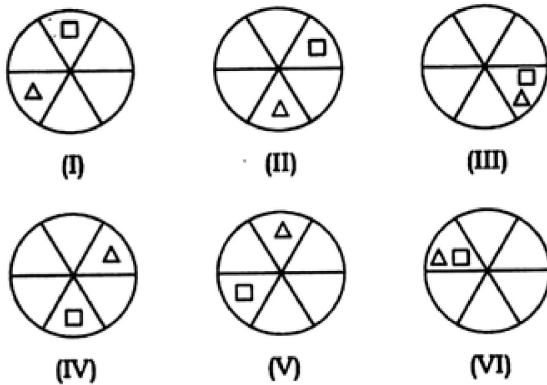
92. Consider the figures given below :



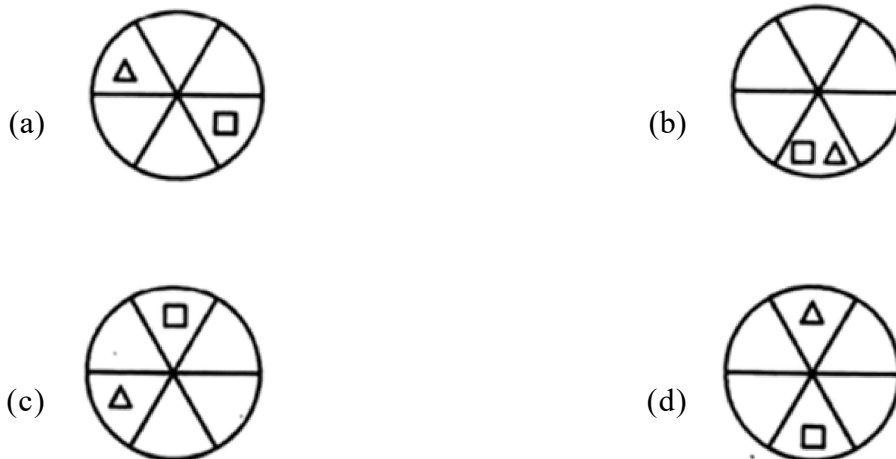
To fit the question mark, the correct answer is

- (a)
- (b)
- (c)
- (d)

93. Consider the following figures :



In the figures (I) to (IV) above, some parts are shown to change their positions in regular directions. Following the same sequence, which of the figures given below will appear at (VII) stage?



**Directions (Questions 94 & 95):** Read the following information and answer the following questions.

The plan of an office block for six officers A, B, C, D, E and F is as follows : Both B and C occupy offices to the right of the corridor (as one enters the office block) and A occupies on the left corridor. E and F occupy offices on opposite sides of the corridor but their offices do not face each other. The offices of C and D face each other. E does not have a corner office. F's office is further down the corridor than A's, but on the same side.

94. If E sits in his office and faces the corridor, whose office is to his left?

- (a) A
- (b) B
- (c) C
- (d) D

95. Who is/are F's immediate neighbour/neighbours?

- (a) A only
- (b) A and D
- (c) C only
- (d) B and C

96. Lakshmi, her brother, her daughter and her son are badminton players. A game of doubles is about to begin:
- (i) Lakshmi's brother is directly across the net from her daughter.
  - (ii) Her son is diagonally across the net from the worst player's sibling.
  - (iii) The best player and the worst player are on the same side of the net.

Who is the best player?

- (a) Her brother
  - (b) Her daughter
  - (c) Her son
  - (d) Lakshmi
97. 101. If day before yesterday was Friday then what will be the third day after the day-after-tomorrow?
- (a) Sunday
  - (b) Saturday
  - (c) Friday
  - (d) Thursday
98. How many times the hands of a clock coincide?
- (a) 2
  - (b) 22
  - (c) 1
  - (d) 24
99. A,B and C started out together at 10km/h, 15km/h and 20km/h respectively from the same point on a circular track of length 1km. At what time do they first meet again?
- (a) 6 mins
  - (b) 6 hours
  - (c) 12 mins
  - (d) 12 hours
100. Consider the Roman numerals with its value:
- (i) XL = 40
  - (ii) L = 50
  - (iii) LX = 60
  - (iv) XLX = 70
- Select the correct answer.
- (a) i and ii
  - (b) i, ii and iii
  - (c) ii only
  - (d) i, ii, iii and iv

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