

**GOVERNMENT OF MIZORAM
HORTICULTURE DEPARTMENT**

**COMPETITIVE EXAMINATION FOR RECRUITMENT TO
THE POST OF LOWER DIVISION CLERK
(FEBRUARY-2026)**

**PAPER-II
(COMPUTER KNOWLEDGE, SIMPLE ARITHMETIC,
GENERAL INTELLIGENCE & REASONING)**

Full Marks : 200
Time Allowed : 3 Hours

Signature of Invigilator _____

CODE :

(For official use)

SUBJECT	MARK CARRIED BY EACH QUESTION / TOPIC	NO. OF CORRECT ANSWERS	MARKS OBTAINED
Computer Knowledge	2		
Simple Arithmetic	2		
General Intelligence & Reasoning	2		
TOTAL			

Signature of Examiner : _____

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All questions carry equal mark of 2 each. Attempt all questions.

Put a tick (✓) mark against the correct answer in the space given in each question.

Notes regarding Negative Marking :

- (i) *There will be penalty (negative marking) for every wrong answer given by a candidate in the MCQ type questions.*
 - (ii) *For each question for which a wrong answer has been given by the candidate, one-third of the marks assigned to that question will be deducted as penalty.*
 - (iii) *If a candidate gives more than one answer to one question, it will be treated as wrong answer even if one of the given answers happens to be correct and there will be same penalty as above for that question.*
 - (iv) *If any questions is left blank i.e. no answer is given by the candidate, there will be no penalty for that question.*
-

COMPUTER KNOWLEDGE (100 MARKS)

1. A _____ is the main Printed Circuit Board (PCB) in a computer.

- (a) ROM (Read only Memory) ()
- (b) CPU (Central Processing Unit) ()
- (c) RAM (Random Access Memory) ()
- (d) Motherboard ()

2. Fastest data transfer can be achieved using:

- (a) Coaxial Cable ()
- (b) Twisted Pair Cable ()
- (c) Optical Fiber Cable ()
- (d) None of the above ()

3. _____ is firmware used to perform hardware initialization during the booting process (power-on startup), and to provide runtime services for operating systems and programs.

- (a) POST ()
- (b) MINT ()
- (c) BIOS ()
- (d) MSDOS ()

4. JPEG is a picture file format – what does JPEG stand for:

- (a) Joint Photographic Extension Group ()
- (b) Joint Photographic Experts Group ()
- (c) Joint Programming for Ecological Goal ()
- (d) None of the above ()

5. The system software which is significant for managing the computer by acting as an interface between the hardware and the user is known as:

- (a) Utility program ()
- (b) Translator program ()
- (c) Operating system ()
- (d) Control Panel ()

6. Which of the following options is used to check the spelling and grammar in Microsoft Word document?
- (a) Review tab ()
 - (b) Home tab ()
 - (c) Insert tab ()
 - (d) Format tab ()
7. Which statement best describes the Internet of Things (IoT)?
- (a) A mobile app marketplace for smart home gadgets ()
 - (b) A cloud service used solely for website hosting ()
 - (c) A network where only computers exchange files over the internet ()
 - (d) Physical objects embedded with sensors and connectivity that exchange data with other devices and systems ()
8. Which of the following is a common device used for experiencing virtual reality?
- (a) Headset ()
 - (b) Smartwatch ()
 - (c) Television ()
 - (d) None of the above ()
9. What is Virtual Reality (VR)?
- (a) A type of video game ()
 - (b) A technology that creates immersive, computer-generated environments ()
 - (c) A form of augmented reality ()
 - (d) A virtual chat room ()
10. "Haptics" is a form of non-verbal communication that uses
- (a) Facial expression ()
 - (b) Touch-to-communicate ()
 - (c) Interpersonal space ()
 - (d) Interpretation of symbols ()
11. Which of the following is not an alignment in MS Word?
- (a) Left alignment ()
 - (b) Right alignment ()
 - (c) Middle alignment ()
 - (d) Center alignment ()
12. Ctrl + K is short cut key combination to insert a _____.
- (a) Book Mark ()
 - (b) Cross reference ()
 - (c) Hyperlink ()
 - (d) Word Art ()
13. Sending copies of the email to anonymous recipients whose names and email addresses will not appear in the email header is
- (a) Carbon copy ()
 - (b) Blind carbon copy ()
 - (c) Receive carbon copy ()
 - (d) Acknowledge carbon copy ()

14. A huge capital letter with the width of two or more lines of conventional text that appears at the start of a text block or a paragraph in MS Word.
- (a) Footnote ()
 - (b) Drop Cap ()
 - (c) Tab stop ()
 - (d) Heading ()
15. In MS Excel, a rectangular area formed by the intersection of a column and a row:
- (a) Address ()
 - (b) Cell ()
 - (c) Column ()
 - (d) Value ()
16. On what type of switching does Internet work?
- (a) Circuit ()
 - (b) Bit ()
 - (c) Packet ()
 - (d) Line ()
17. Which function counts numeric entries in a range?
- (a) COUNT ()
 - (b) COUNTA ()
 - (c) COUNTIF ()
 - (d) COUNTIFS ()
18. What is the quickest way to copy a formula down a column to adjacent cells?
- (a) Paste Special with Values ()
 - (b) Use the Fill Handle ()
 - (c) Type the formula in each cell ()
 - (d) Insert a new column and retype the data ()
19. Which formula correctly averages numbers in cells C2 through C10?
- (a) =AVG(C2:C10) ()
 - (b) = Mean(C2:C10) ()
 - (c) =AVERAGE(C2:C10) ()
 - (d) =AVG(C2,C10) ()
20. Which feature helps keep header rows visible while scrolling?
- (a) Sort A to Z ()
 - (b) Freeze Panes ()
 - (c) Data Validation ()
 - (d) Text to Columns ()
21. Which view is best for rearranging the order of slides quickly in a presentation?
- (a) Normal view ()
 - (b) Reading view ()
 - (c) Slide Show view ()
 - (d) Slide Sorter view ()

22. You want text to appear letter-by-letter during your presentation. Which feature should you use?
- (a) Animation ()
 - (b) Transition ()
 - (c) Design Theme ()
 - (d) Slide Layout ()
23. Where can you change the default fonts for titles and body text across the entire presentation?
- (a) Slide Master ()
 - (b) Animations tab ()
 - (c) Notes Page view ()
 - (d) Transitions tab ()
24. Which action lets you keep text formatting when pasting copied content into a text box?
- (a) Use picture ()
 - (b) Use Keep Text Only ()
 - (c) Use Destination Theme ()
 - (d) Use Keep Source Formatting ()
25. Which of the following starts the slide show from the current slide?
- (a) F5 ()
 - (b) Alt+F5 ()
 - (c) Ctrl + F5 ()
 - (d) Shift + F5 ()
26. Python is a/an:
- (a) Machine level programming language ()
 - (b) Assembly language ()
 - (c) Register ()
 - (d) High Level Language ()
27. What is the primary device that connects different networks and determines the best path for data packets to travel across the Internet?
- (a) Hub ()
 - (b) Router ()
 - (c) Switch ()
 - (d) Repeater ()
28. Which network topology connects every device to a central connecting point, like a switch or a hub?
- (a) Ring Topology ()
 - (b) Bus Topology ()
 - (c) Star Topology ()
 - (d) Mesh Topology ()
29. Which of the following OSI model layers is responsible for the final electrical, mechanical, and procedural specifications for network communication?
- (a) Data Link Layer ()
 - (b) Transport Layer ()
 - (c) Network Layer ()
 - (d) Physical Layer ()

30. In a networking context, what is a 'protocol'?
- (a) A specialized software application for file sharing. ()
 - (b) A unique address for every computer on the network. ()
 - (c) A physical device that connects networks. ()
 - (d) A set of rules for data communication. ()
31. What is the difference between a Program and a Process?
- (a) A Program is a static set of instructions, while a Process is a program in execution. ()
 - (b) They are two different names for the same thing. ()
 - (c) A Process is a large collection of Programs. ()
 - (d) None of the above ()
32. Which type of user interface requires the user to type text commands to interact with the Operating System?
- (a) Touch-based Interface ()
 - (b) GUI (Graphical User Interface) ()
 - (c) Command Line Interface (CLI) ()
 - (d) None of the above ()
33. What is the specialized software component the Operating System uses to communicate with and control a specific piece of hardware, such as a printer or a sound card?
- (a) Device Driver ()
 - (b) Application Software ()
 - (c) Control Panel ()
 - (d) Kernel ()
34. Which type of memory loses its content when the power is turned off?
- (a) RAM (Random Access Memory) ()
 - (b) Flash Drive ()
 - (c) ROM (Read Only Memory) ()
 - (d) Hard Disk Drive (HDD) ()
35. Which of the following is primarily used for long-term storage of data and programs?
- (a) Cache memory ()
 - (b) SSD ()
 - (c) RAM ()
 - (d) Registers ()
36. The speed of a computer's CPU is typically measured in which unit?
- (a) Gigabytes (GB) ()
 - (b) Meters per second(m/s) ()
 - (c) Dots per inch (DPI) ()
 - (d) Hertz (Hz) or Gigahertz(GHz) ()
37. What is the function of the Control Unit (CU) within the CPU?
- (a) To store large amounts of permanent data. ()
 - (b) To fetch instructions, decode them and direct the operation of the CPU ()
 - (c) To provide the computer's clock signal ()
 - (d) To execute arithmetic and logic operations ()

38. In the context of computer hardware, what is a bus? ()
- (a) A program used to diagnose hardware problems. ()
 - (b) A physical connector port on the back of the computer. ()
 - (c) A piece of software that transfers data packets across a network. ()
 - (d) A physical pathway used to transfer data between computer components. ()
39. What unique property allows a Qubit to be both 0 and 1 simultaneously? ()
- (a) Decoherence ()
 - (b) Superposition ()
 - (c) Entanglement ()
 - (d) Quantum Tunneling ()
40. Which of the following problems is a Quantum Computer expected to solve much faster than a classical computer? ()
- (a) Displaying a website in a web browser. ()
 - (b) Factoring large numbers ()
 - (c) Searching a simple list of names and addresses. ()
 - (d) Arithmetic operations ()
41. Most of the current, commercially successful AI systems (like Siri, Alexa, and Google Search) fall under which category of intelligence level? ()
- (a) General AI ()
 - (b) Self-Aware AI ()
 - (c) Reactive Machine AI ()
 - (d) Narrow AI ()
42. Formula for 90% of A1 is written in MS excel as _____. ()
- (a) $A1/90*100$ ()
 - (b) $A1/90/100$ ()
 - (c) $A1\%90/100$ ()
 - (d) $A1*90/100$ ()
43. To add a new table, picture, or hyperlink to your document, which ribbon tab should you use? ()
- (a) Review Tab ()
 - (b) Mailings Tab ()
 - (c) Insert Tab ()
 - (d) Home Tab ()
44. The area at the very top or very bottom of a document page, where you might insert the title, page number, or author name, is called the? ()
- (a) Gutter ()
 - (b) Margin ()
 - (c) Header and Footer ()
 - (d) Clipboard ()
45. What is the purpose of using a section break in a Word document? ()
- (a) To quickly change the font size of the whole document. ()
 - (b) To apply different page formatting ()
 - (c) To insert a picture into the document ()
 - (d) To separate text around objects ()

46. _____ is a network security system that monitors and controls incoming and outgoing network traffic based on predetermined security rules.
- (a) Firewall ()
 - (b) Password manager ()
 - (c) VPN ()
 - (d) Antivirus ()
47. Bluetooth is an example of:
- (a) Personal Area Network ()
 - (b) Local Area Network ()
 - (c) Virtual Private Network ()
 - (d) None of these ()
48. If a spreadsheet contains one or more macros, excel automatically saves it as a:
- (a) .xps ()
 - (b) .xlsb ()
 - (c) .xlsx ()
 - (d) .pptx ()
49. How many color dot(s) make up one color pixel on a screen?
- (a) 8 ()
 - (b) 255 ()
 - (c) 3 ()
 - (d) 1 ()
50. The _____ mode loads minimal set of drivers when starting windows.
- (a) secure ()
 - (b) safe ()
 - (c) minimal ()
 - (d) incognito ()

SIMPLE ARITHMETIC (50 MARKS)

51. The value of $3\frac{1}{3} \div 2\frac{1}{2} \times \frac{3}{4} \div \left(\frac{1}{3} \times 20\right) \times \frac{7}{6}$ is:

- (a) $\frac{14}{7}$ ()
- (b) $\frac{7}{10}$ ()
- (c) $\frac{7}{40}$ ()
- (d) $\frac{7}{20}$ ()

52. If a two-digit number consists of y as the unit's digit and x as the ten's digit, then the number is:

- (a) $10x + y$ ()
- (b) $10y + x$ ()
- (c) yx ()
- (d) $x + y$ ()

53. The number $0.\overline{245}$ is equal to:

- (a) $\frac{49}{200}$ ()
- (b) $\frac{4}{20}$ ()
- (c) 0.245 ()
- (d) $\frac{27}{110}$ ()

54. What is the smallest number by which 245 must be multiplied so that it becomes a perfect square?

- (a) 3 ()
- (b) 4 ()
- (c) 5 ()
- (d) 6 ()

55. The average age of a group of 10 students is 14 years. If 5 more students join the group, the average age rises by 1 year. The average age of the 5 new students is:

- (a) 15 years ()
- (b) 16 years ()
- (c) 17 years ()
- (d) 18 years ()

56. If the average mark of 10 boys in a class is 70%, whereas that of 15 girls of the same class is 60%, then the average mark of all the students in the class is:

- (a) 63% ()
- (b) 64% ()
- (c) 65% ()
- (d) 66% ()

57. The successive discounts of 20% and 15% are equal to a single discount of:

- (a) 5% ()
- (b) 35% ()
- (c) 17.5% ()
- (d) 32% ()

58. A jacket marked at Rs.6,000 is allowed a discount of 12% on Christmas festival. For how much should a customer buy it?

- (a) Rs.5280 ()
- (b) Rs.5820 ()
- (c) Rs.5810 ()
- (d) Rs.720 ()

59. The cost of a pen Rs.40 this year has increased to Rs.50 the next year. The increase in the cost of the pen is:
- (a) 20% ()
(b) 22% ()
(c) 24% ()
(d) 25% ()
60. A student has to secure 40% marks to pass in an examination. If he gets 178 marks and fails by 22 marks, the full marks in the examination are:
- (a) 400 ()
(b) 500 ()
(c) 600 ()
(d) 700 ()
61. A wrist watch was bought for Rs.750 and sold at a gain of 16%. The selling price of the watch was:
- (a) Rs.780 ()
(b) Rs.800 ()
(c) Rs.870 ()
(d) Rs.880 ()
62. If $p : q = 5 : 3$ and $q : r = 1 : 2$, then $p : q : r$ is equal to:
- (a) 5 : 3 : 6 ()
(b) 3 : 5 : 6 ()
(c) 6 : 5 : 3 ()
(d) 3 : 6 : 5 ()
63. If a sum of Rs.200 is divided between X and Y in the ratio 2 : 3, then the share of Y is:
- (a) Rs.80 ()
(b) Rs.120 ()
(c) Rs.124 ()
(d) Rs.132 ()
64. A and B enter into a partnership business investing Rs.12,000 and Rs.16,000 respectively. After 8 months, C also joins the business with a capital of Rs.15,000. After 2 years, they earn a profit of Rs.45,600. What will be the share of C at the end of 2 years?
- (a) Rs.19,200 ()
(b) Rs.14,400 ()
(c) Rs.12,000 ()
(d) Rs.2,400 ()
65. If 8 men can reap 80 hectares in 24 days, how many hectares can 36 men reap in 30 days?
- (a) 360 hectares ()
(b) 380 hectares ()
(c) 420 hectares ()
(d) 450 hectares ()

66. A train runs at 90 km/hr. This speed is:

- (a) 25 m/sec ()
- (b) 24 m/sec ()
- (c) 20 m/sec ()
- (d) 324 m/sec ()

67. A tank which has a leak in its bottom, is filled with water in 30 minutes. Had there been no leak in the bottom, it would have been filled in 20 minutes. The leak can empty the tank in:

- (a) 1 hour ()
- (b) 2 hours ()
- (c) 45 minutes ()
- (d) 50 minutes. ()

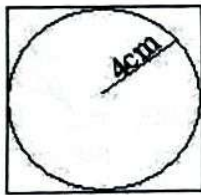
68. The Compound Interest on Rs.4,000 for 2 years at the rate of 10% p.a., is:

- (a) Rs.4,840 ()
- (b) Rs.4,640 ()
- (c) Rs.3,600 ()
- (d) Rs.840 ()

69. The Simple Interest on Rs.540 in 4 years at 5% p.a. will be equal to the Simple Interest on Rs.900 at 6% p.a. in:

- (a) 1 year ()
- (b) 2 years ()
- (c) $2\frac{1}{2}$ years ()
- (d) 3 years ()

70. A circle of radius 4 cm is inscribed in a square as shown in the figure. The perimeter of the square is:



- (a) 16 cm ()
- (b) 24 cm ()
- (c) 32 cm ()
- (d) 64 cm. ()

71. In an ordinary year, the probability of getting 53 sundays is:

- (a) $\frac{1}{7}$ ()
- (b) $\frac{2}{7}$ ()
- (c) $\frac{253}{365}$ ()
- (d) $\frac{253}{366}$ ()

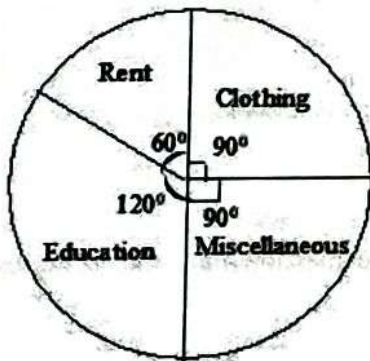
72. A kite, flying at a height of 30 metres from a horizontal plane ground, is attached to a thread whose one end is fixed at a point on the ground. The thread is assumed to be straight and is 60 metres long. How much angle is made by the thread with the plane ground?

- (a) 90° ()
- (b) 60° ()
- (c) 45° ()
- (d) 30° ()

73. When the height of a vertical pole is equal to the length of its shadow on a horizontal plane ground, then the sun's elevation at that instant, is:

- (a) 30° ()
- (b) 45° ()
- (c) 60° ()
- (d) 90° ()

74. The given pie-chart shows the monthly expenses of a family on different items. If the monthly expense on rent is Rs.10,000, the monthly expense on miscellaneous is:



- (a) Rs.12,000 ()
- (b) Rs.15,000 ()
- (c) Rs. 16,000 ()
- (d) Rs.60,000 ()

75. Given that $\pi = \frac{22}{7}$, the perimeter of a semicircle of radius 7 cm is:

- (a) 22 cm ()
- (b) 29 cm ()
- (c) 36 cm ()
- (d) 58 cm ()

GENERAL INTELLIGENCE & REASONING (50 MARKS)

Directions (Question Nos. 76 - 79): In the following series, what will be the value of x?

76. 6, 12, 48, 288, x.

- (a) 2304 ()
- (b) 2016 ()
- (c) 1728 ()
- (d) 1440 ()

77. 2, 9, 28, 65, x.

- (a) 124 ()
- (b) 125 ()
- (c) 126 ()
- (d) 127 ()

78. 2160, 360, 72, x, 6, 3.

- (a) 24 ()
- (b) 18 ()
- (c) 16 ()
- (d) 12 ()

79. 40, 29, 20, 13, x.

- (a) 5 ()
- (b) 6 ()
- (c) 7 ()
- (d) 8 ()

80. The letter of English alphabets that should be in the place of the question marks in the series : A, B, D, G, ?, P is:

- (a) H ()
- (b) I ()
- (c) J ()
- (d) K ()

81. In the series of the group of words STOP, TOPS, OPST, which of the following will be the next term?

- (a) POST ()
- (b) PSTO ()
- (c) PTSO ()
- (d) POTS ()

82. In the given series: ACE, GIK,?, SUW, YAC, what should come in the place of the question mark?

- (a) MOQ ()
- (b) MNP ()
- (c) MOP ()
- (d) MPQ ()

83. The letter of English alphabets that should come in the place of the question mark in the following series C, F, I, L,?, R is:

- (a) M ()
- (b) N ()
- (c) O ()
- (d) P ()

84. In the following group of letters, what should be in the place of the question mark?

A	F	K	P
C	I	O	U
E	H	?	N

- (a) K ()
- (b) J ()
- (c) L ()
- (d) M ()

85. Which letter should replace the symbol '?' in the following?

K N H

P T L

I N

- (a) M ()
- (b) O ()
- (c) D ()
- (d) P ()

86. The following words follow a logical pattern :

DRAMA, RABBI, IDLED, TENSE,

Which word of the following should replace the question mark?

- (a) HATCH ()
- (b) FLUTE ()
- (c) MEDIA ()
- (d) WIGGLE ()

87. Which of the following words starts with a vowel and then has consonants appearing alternatively with vowels?

- (a) emulsion ()
- (b) alemot ()
- (c) itevation ()
- (d) violence ()

Directions (Question Nos. 88 & 89): Each of the following has a matrix with a question mark in one block. Replace the question mark by choosing the correct response from amongst the alternatives given:

88.

AZ	DW	GI
BY	EV	?
CX	FU	IR

- (a) KT ()
 (b) HS ()
 (c) JI ()
 (d) AD ()

89.

AZ	BY	CX
BX	CZ	DY
CY	CY	?

- (a) AY ()
 (b) BX ()
 (c) EZ ()
 (d) DZ ()

Directions (Question Nos. 90 - 92): Each of the following consists of two words which have some relationship to each other. Select the one which is related in the same way as the given first pair:

90. CLOCK : TIME

- (a) thermometer : temperature ()
 (b) hour : latitude ()
 (c) weather : climate ()
 (d) tide : moon ()

91. FOOD : HUNGER

- (a) sleep : night ()
 (b) sleep : dream ()
 (c) sleep : health ()
 (d) sleep : weariness ()

92. ARC : CIRCLE

- (a) segment : cube ()
 (b) cube : square ()
 (c) tangent : circumference ()
 (d) angle : triangle ()

Directions (Question Nos. 93 - 95): Given below is a table which shows the number of articles sold by a jeweller during a week. Answer the questions given below on the basis of the data :

Days	Rings	Necklaces	Watches
Monday	2	3	2
Tuesday	4	7	5
Wednesday	7	2	3
Thursday	5	8	6
Friday	7	9	8
Saturday	8	10	7

93. On which day most articles were sold?

- (a) Friday ()
- (b) Tuesday ()
- (c) Saturday ()
- (d) Wednesday ()

94. Which articles were sold most in the week?

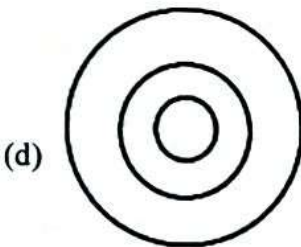
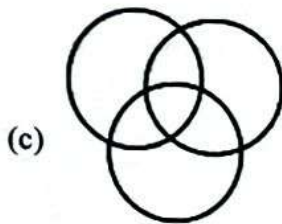
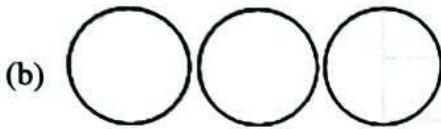
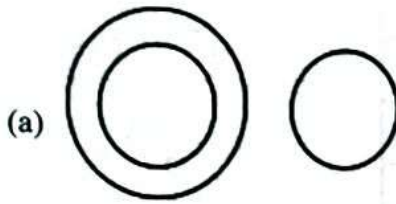
- (a) Rings ()
- (b) Necklaces ()
- (c) Watches ()
- (d) Both Rings and Watches ()

95. On which day were the fewest articles sold?

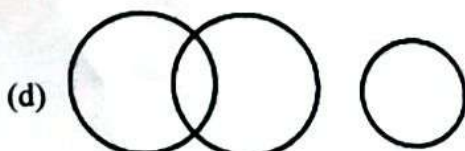
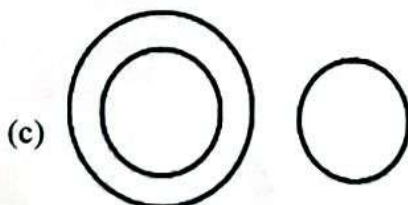
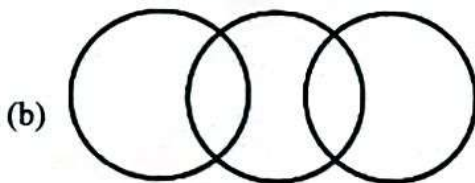
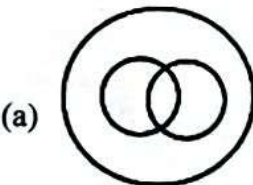
- (a) Monday ()
- (b) Tuesday ()
- (c) Wednesday ()
- (d) Thursday ()

Directions (Question Nos. 96 & 97): From the given four diagrams for each of the questions, select the one that best represents the given classes :

96. Pigeons, Birds, Dogs

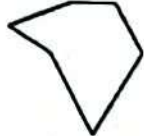


97. Asia, Russia, Europe

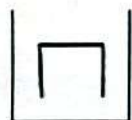
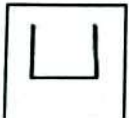
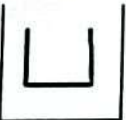


Directions (Question Nos. 98: 100): In each of the following questions, there are four figures, three of them are similar in some respects while one is different. Select the figure which is different:

98.

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

99.

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

100.

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