

GOVERNMENT OF MIZORAM
HIGHER & TECHNICAL EDUCATION
DEPARTMENT

COMPETITIVE EXAMINATION FOR RECRUITMENT TO
THE POST OF LOWER DIVISION CLERK
(JULY-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	NO. OF WRONG ANSWERS	MARKS OBTAINED
Computer Knowledge	2			
Simple Arithmetic	2			
General Intelligence & Reasoning	2			
TOTAL				

Signature of Examiner : _____

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All questions carry 2 marks.

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

Notes :

Negative Marking :

- (i) There will be a 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 the same penalty as above for that question.
- (iv) If any question is left blank i.e. no answer is given by the candidate, there will be no penalty for that question.

Computer Knowledge: The candidates who fail to obtain 50% of the total marks in Computer Knowledge shall be declared unqualified to appear for skill test and personal interview.

COMPUTER KNOWLEDGE (100 MARKS)

1. Which electronic components are used in fifth generation computers?
 - (a) Transistors ()
 - (b) Integrated Circuits ()
 - (c) VLSI Microprocessor ()
 - (d) ULSI Microprocessor ()
2. The ALU gives the output of the operations and the output is stored in the _____.
 - (a) Memory Devices ()
 - (b) Registers ()
 - (c) Flags ()
 - (d) Output Unit ()
3. What does the clock speed of a CPU measure?
 - (a) The number of CPU cores ()
 - (b) the number of cycles a CPU executes per second ()
 - (c) The amount of RAM in the CPU ()
 - (d) The size of the CPU cache ()
4. Which of the following statement is false with reference to RAM:
 - (a) Full form is Random Access Memory ()
 - (b) Ram is of only one type ()
 - (c) Static RAM is faster than Dynamic RAM ()
 - (d) RAM is a volatile memory ()

5. What is the smallest allotment of logical secondary storage?
 - (a) Block ☐
 - (b) Sector ☐
 - (c) File ☐
 - (d) Directory ☐
6. _____ is one of the examples of input device of a computer.
 - (a) Plotter ☐
 - (b) Projector ☐
 - (c) Digitizer ☐
 - (d) Monitor ☐
7. Computer software is broadly classified into which two primary categories?
 - (a) System Software and Application Software ☐
 - (b) Freeware and shareware ☐
 - (c) Commercial and non-commercial Software ☐
 - (d) Open source and proprietary Software ☐
8. What defines the functional design, structure, and behavior of computer systems?
 - (a) Digital Circuits ☐
 - (b) Computer Architecture ☐
 - (c) BIOS ☐
 - (d) GUI ☐
9. A specialized computer that typically has more power and features than a standard desktop PC, is known as:
 - (a) Play station ☐
 - (b) Core station ☐
 - (c) Firmware ☐
 - (d) Workstation ☐
10. The Information Technology Act 2000 (ITA-2000) was notified and came into force on:
 - (a) 7th November 2000 ☐
 - (b) 17th October 2000 ☐
 - (c) 17th December 2000 ☐
 - (d) 7th October 2000 ☐
11. Communication in a Graphical User Interface OS can be done by interacting with:
 - (a) Text-based communication ☐
 - (b) Command-based communication ☐
 - (c) Icon ☐
 - (d) Network ☐
12. Which component of an Operating System (OS) provides abstractions like files, processes and sockets?
 - (a) Device drivers ☐
 - (b) BIOS ☐
 - (c) Kernel ☐
 - (d) Compiler ☐

13. Which component of Windows that displays and manages currently opened programs, files, and folders?
- (a) Start Menu ()
 - (b) Taskbar ()
 - (c) Desktop ()
 - (d) Explorer ()
14. Which of the following is NOT a file attribute in Windows?
- (a) Read-only ()
 - (b) Hidden ()
 - (c) Archive ()
 - (d) Speed ()
15. What is the standard file system used by modern Windows operating systems?
- (a) FAT32 ()
 - (b) NTFS ()
 - (c) FAT16 ()
 - (d) exFAT ()
16. Which option in the Control Panel is used to uninstall software?
- (a) User Accounts ()
 - (b) Programs and Features ()
 - (c) Network and Internet ()
 - (d) Ease of Access ()
17. Which key combination is used to open Task Manager directly?
- (a) Ctrl + Alt + Delete ()
 - (b) Ctrl + Shift + Esc ()
 - (c) Win + T ()
 - (d) Alt + Tab ()
18. What is the shortcut key to open the "Run" dialog box to access system tools?
- (a) Ctrl + R ()
 - (b) Alt + R ()
 - (c) Windows key + R ()
 - (d) Shift + R ()
19. Which of the following Tabs is NOT included in the 'Ribbon Tab' of Microsoft Word?
- (a) References ()
 - (b) Preview ()
 - (c) Review ()
 - (d) View ()
20. Which of the following is not a font style?
- (a) Superscript ()
 - (b) Regular ()
 - (c) Italic ()
 - (d) Bold ()

21. Which shortcut key is used to centre-align text in MS Word?
- (a) Ctrl+C ()
 - (b) Ctrl+L ()
 - (c) Ctrl+E ()
 - (d) Ctrl+J ()
22. Which feature in MS Word allows you to add extra space specifically before or after a paragraph?
- (a) Line Spacing ()
 - (b) Indentation ()
 - (c) Paragraph Spacing ()
 - (d) Paragraph Alignment ()
23. To access and customize autocorrect settings in MS Word, go to:
- (a) File → Options → General ()
 - (b) File → Options → Language ()
 - (c) File → Options → Proofing ()
 - (d) File → Options → Display ()
24. To check the spelling and grammar of text, click on the:
- (a) Insert tab ()
 - (b) Review Tab ()
 - (c) Home Tab ()
 - (d) Help Tab ()
25. In Microsoft Word, what is the purpose of the shortcut key Ctrl + H?
- (a) Open the Find tab in the Navigation pane. ()
 - (b) Open the Find and Replace dialog box with the Replace tab active. ()
 - (c) Insert a Hyperlink. ()
 - (d) Hide the selected text. ()
26. Which of the following is not an option in the Borders and Shading dialog box?
- (a) Style ()
 - (b) Color ()
 - (c) Width ()
 - (d) Font Size ()
27. Bullets and Numbering feature is located at the:
- (a) Insert Tab ()
 - (b) Layout Tab ()
 - (c) Home Tab ()
 - (d) View Tab ()
28. What is the default text wrapping style when a picture is inserted?
- (a) Square ()
 - (b) In line with text ()
 - (c) Behind Text ()
 - (d) Tight ()

29. Which of the following is not a valid way to insert a table?
- (a) Draw Table ()
 - (b) Quick Tables ()
 - (c) Insert Table Dialog ()
 - (d) Art table ()
30. In a 'Mail Merge' feature of MS Word, the data source or information is a:
- (a) Constant value ()
 - (b) Variable value ()
 - (c) Conditional value ()
 - (d) Absolute value ()
31. The Rows are labelled as _____ in MS Excel Spreadsheets.
- (a) A1, B1, C1, ... ()
 - (b) 1, 2, 3, ... ()
 - (c) A, B, C, ... ()
 - (d) I, II, III, ... ()
32. What is an Excel Workbook?
- (a) A formula for calculations ()
 - (b) A type of chart in Excel ()
 - (c) A collection of worksheets in a single file ()
 - (d) A single sheet in Excel ()
33. What does the reference \$B2 imply?
- (a) Row 2 is absolute, Column B is relative ()
 - (b) Column B is absolute, Row 2 is relative ()
 - (c) Both Column B and Row 2 are absolute ()
 - (d) Both Column B and Row 2 are relative ()
34. Text in excel spread sheet is _____ by default.
- (a) Left aligned ()
 - (b) Centre aligned ()
 - (c) Right aligned expression ()
 - (d) No default alignment ()
35. Which menu/tab contains the "Sort & Filter" options?
- (a) File ()
 - (b) Review ()
 - (c) Data ()
 - (d) Page Layout ()
36. The formula to calculate the average value for the cells between A5 and A10 (inclusive) in a spreadsheet is:
- (a) =AVG (A5:A10) ()
 - (b) =AVERAGE(A5:A10) ()
 - (c) =AVG(A5-A10) ()
 - (d) =AVERAGE(A5-A10) ()

37. The error message that appears when a formula refers to a cell, sheet, or range is invalid for calculation is:
- (a) #NAME ()
 - (b) \$VALUE ()
 - (c) #REF ()
 - (d) #ERR ()
38. Which chart is used to show trends over a period of time in MS Excel?
- (a) Line chart ()
 - (b) Pie chart ()
 - (c) Bar chart ()
 - (d) Bubble chart ()
39. In PowerPoint, what are the containers that hold text, images, or charts called?
- (a) Frames ()
 - (b) Placeholders ()
 - (c) Textboxes ()
 - (d) Cells ()
40. Where can you find the option to switch to Slide Sorter view?
- (a) Home tab ()
 - (b) View tab ()
 - (c) Insert tab ()
 - (d) Design tab ()
41. _____ is used to apply a consistent layout and design across all slides in a Power Point presentation.
- (a) Slide Layout ()
 - (b) Slide Master ()
 - (c) Design Templates ()
 - (d) Slide Sorter ()
42. In Power point, which feature helps record the exact time spent on each slide?
- (a) Presenter View ()
 - (b) Rehearse Timings ()
 - (c) Record Slide Show ()
 - (d) Slide Sorter ()
43. Which menu is used to apply various visual effects to the slide in power point?
- (a) Animation ()
 - (b) Design ()
 - (c) Slide show ()
 - (d) Transitions ()
44. What is a "cookie" in internet terminology?
- (a) A type of virus ()
 - (b) A small file storing user data ()
 - (c) A hardware component ()
 - (d) A web browser ()

45. Which of the following best defines the primary role of the internet in governance? ()
- (a) To provide a platform for social media entertainment. ()
 - (b) To replace all human resources in government with AI. ()
 - (c) To enhance efficiency, transparency, and accessibility of government services. ()
 - (d) To exclusively monitor citizen activities for law enforcement. ()
46. Which protocol is primarily used to transmit data on the World Wide Web?
- (a) FTP ()
 - (b) SMTP ()
 - (c) HTTP/HTTPS ()
 - (d) POP3 ()
47. SEO is the practice of improving the visibility and performance of websites and web pages in search engine results pages (SERPs), what does SEO stand for?
- (a) Search Engine Option ()
 - (b) Search Engine Optimization ()
 - (c) Secure Engine Operation ()
 - (d) Standard Engine Output ()
48. Which protocol is primarily responsible for sending emails across the internet?
- (a) POP3 ()
 - (b) SMTP ()
 - (c) IMAP ()
 - (d) MIME ()
49. Which technology provides both encryption and digital signatures for email?
- (a) SPF ()
 - (b) S/MIME ()
 - (c) MIME ()
 - (d) SMTP ()
50. In an email address user@example.com, what is example.com?
- (a) User's name ()
 - (b) Domain name of the mail server ()
 - (c) Protocol ()
 - (d) Path ()

SIMPLE ARITHMETIC (50 MARKS)

51. The surface area of a cuboid is 758 cm^2 . The length and breadth are 14cm and 11cm respectively. Find its height.
- (a) 9 cm ()
 - (b) 11 cm ()
 - (c) 7 cm ()
 - (d) 9.5 cm ()

52. If the radius of a cylinder is 7cm and height is 10cm, then, what will be the volume (in cubic cm) of the cylinder?
- (a) 1450 cm^3 ()
(b) 1540 cm^3 ()
(c) 1650 cm^3 ()
(d) 1740 cm^3 ()
53. A grocer is storing soap boxes in cartons that measures 25 inches by 42 inches by 60 inches. If the measurement of each soap boxes is 7 inches by 6 inches by 5 inches, then, what is the maximum number of soap boxes that can be placed in each carton?
- (a) 200 ()
(b) 250 ()
(c) 300 ()
(d) 350 ()
54. The list price of a dress is Rs.800. If the sales tax is charged at 7%, find the total amount a customer has to pay for the dress.
- (a) 744 ()
(b) 807 ()
(c) 856 ()
(d) 870 ()
55. The marked price on an item was Rs.2000 but the shopkeeper offered a double discount on 20% and 15%. For how much did he finally sell the item price?
- (a) 1360 ()
(b) 1300 ()
(c) 1250 ()
(d) 1500 ()
56. A smartphone is available for Rs.12000 cash or Rs.3600 cash down payment along with two equal instalments at an interest of 10% per annum, compounded annually, under the instalment plan. Find the value of each instalments.
- (a) Rs.6000 ()
(b) Rs.4200 ()
(c) Rs.4800 ()
(d) Rs.4840 ()
57. Calculate compound interest on Rs.250000 for 2 years at 10% per annum compounded annually.
- (a) Rs.50000 ()
(b) Rs.52500 ()
(c) Rs.55000 ()
(d) Rs.60000 ()
58. Freddy bought a sofa set at a price of Rs.80000. The value of the sofa depreciates at the rate of 5% pa. What will be its value after 2 years?
- (a) Rs.72000 ()
(b) Rs.72200 ()
(c) Rs.75000 ()
(d) Rs.76000 ()

59. The cost price of 40 articles is the same as the selling price of 25 articles. Find the gain or loss percent.
- (a) 60% gain ()
(b) 60% loss ()
(c) 70% gain ()
(d) 70% loss ()
60. A sum of Rs.12000 is lent out at 5% simple interest for 5 years. What will be the amount after 5 years?
- (a) Rs.12500 ()
(b) Rs.13500 ()
(c) Rs.14500 ()
(d) Rs.15000 ()
61. Which of the following statement is not true for a parallelogram?
- (a) Opposite sides are of equal length. ()
(b) Sum of opposite angles are always 180 degree. ()
(c) Diagonals bisect each other. ()
(d) The adjacent angles are supplementary. ()
62. A student was asked to multiply a number by 25. He instead multiply the number by 52 and got the answer 324 more than the correct answer. The number to be multiplied was:
- (a) 12 ()
(b) 15 ()
(c) 25 ()
(d) 32 ()
63. Simplify: $(\sqrt{2} + \sqrt{7})^2$
- (a) $2\sqrt{14}$ ()
(b) $9\sqrt{14}$ ()
(c) $9+2\sqrt{14}$ ()
(d) $7\sqrt{2}$ ()
64. 4.2345×10^8 equals
- (a) 0.42345 ()
(b) 423450000 ()
(c) 42345000 ()
(d) 1234500 ()
65. If $a:b = 2:3$ and $b:c = 4:3$ then $a:b:c$ will be:
- (a) 2:12:9 ()
(b) 2:4:9 ()
(c) 8:12:9 ()
(d) 2:12:3 ()
66. Find the value of x: $5x^2 - 45 = 0$
- (a) -3, 3 ()
(b) -3, 0 ()
(c) 3, 0 ()
(d) 9, 0 ()

67. Find the value of x : $4x(x - 5) = -25$

(a) $\frac{2}{5}$ ()

(b) $\frac{5}{2}$ ()

(c) 2 ()

(d) 5 ()

68. In a mixture of 60 litres, the ratio of milk and water is 5:1. What quantity of water must be added to make the ratio of milk and water to 4:3?

(a) 24 ltrs ()

(b) 25 ltrs ()

(c) 26.5 ltrs ()

(d) 27.5 ltrs ()

69. A train is moving at the speed of 75 km/hr. How far will it travel in 30 minutes?

(a) 30 km ()

(b) 32.5 km ()

(c) 35.5 km ()

(d) 37.5 km ()

70. The smallest number that must be subtracted from 3250 to get a perfect square is:

(a) 7 ()

(b) 5 ()

(c) 10 ()

(d) 1 ()

71. A bag contains 9 red balls, 5 blue balls and 6 green balls. A ball is drawn at random, find the probability that the selected ball will be blue.

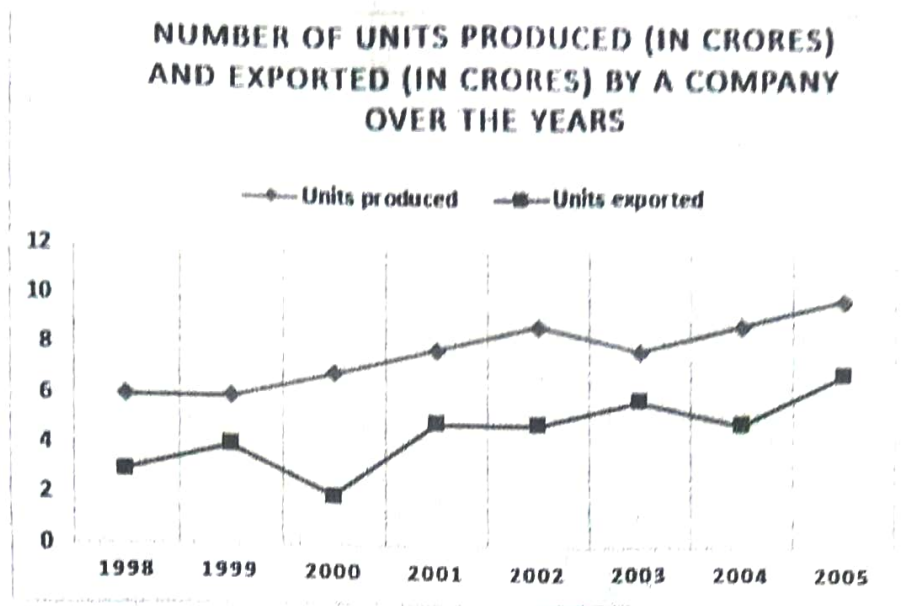
(a) $\frac{1}{4}$ ()

(b) $\frac{1}{5}$ ()

(c) $\frac{3}{4}$ ()

(d) $\frac{5}{15}$ ()

Direction (Question No. 72-75): Study the following graph to answer the given questions.



72. What is the average number of units exported over the year?
- (a) 27857000 ()
- (b) 4625000 ()
- (c) 46250000 ()
- (d) 278570000 ()
73. In which year is the percent of units exported to the units produced, the maximum?
- (a) 2005 ()
- (b) 2003 ()
- (c) 2001 ()
- (d) 1999 ()
74. In which year is the difference between the units produced and exported the maximum?
- (a) 2002 ()
- (b) 2004 ()
- (c) 2001 ()
- (d) None of the above ()
75. In which year is the percent rise in units produced from the preceding year the maximum?
- (a) 2005 ()
- (b) 2004 ()
- (c) 2001 ()
- (d) 2000 ()

GENERAL INTELLIGENCE AND REASONING (50 MARKS)

76. Which word does not belong with the others?

- (a) Heading ()
- (b) Body ()
- (c) Letter ()
- (d) Closing ()

77. SCD TEF UGH ____ WKL

- (a) CMN ()
- (b) UJI ()
- (c) VIJ ()
- (d) IJT ()

78. EXPLORE : DISCOVER :: ?

- (a) Read : Skim ()
- (b) Research : Learn ()
- (c) Write : Print ()
- (d) Think : Relate ()

79. TAILOR : SUIT :: ?

- (a) Scheme : Agent ()
- (b) Edit : Manuscript ()
- (c) Revise : Writer ()
- (d) Mention : Option ()

80. What should come next in the series: 53, 53, 40, 40, 27, 27, ...?

- (a) 12 ()
- (b) 14 ()
- (c) 27 ()
- (d) 53 ()

Direction (Question Nos. 81 – 85) : Read the passage below carefully and answer the following questions.

Five Roommates – Rami, Sangi, Tlani, Mali and Veni – each do one housekeeping task – mopping, sweeping, laundry, vacuuming, or dusting – one day a week, Monday through Friday.

- Veni does not vacuum and does not do her task on Tuesday
- Sangi does the dusting and does not do it on Monday or Friday
- The mopping is done on Thursday
- Tlani does her task, which is not vacuuming on Wednesday
- The laundry is done on Friday, and not by Mali
- Rami does her task on Monday

81. When does Sangi do the dusting?

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

82. What does Tlani do on Wednesday?

- (a) Vacuuming ()
- (b) Dusting ()
- (c) Mopping ()
- (d) Sweeping ()

83. On what day is vacuuming done?

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

84. What task does Veni do?

- (a) Dusting ()
- (b) Mopping ()
- (c) Sweeping ()
- (d) Laundry ()

85. On what day does Mali do her task?

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

86. Twice the age of Peter is three times the age of Melanie. Five years ago, the age of Peter was four times the age of Melanie. What is the present age of Melanie?

- (a) 9 years ()
- (b) 10 years ()
- (c) 6 years ()
- (d) 11 years ()

87. In a certain code language, PROBATION has been written as RTQDAVKQP. How will you code the word GLADE in the same code language?
- (a) HMDED ()
(b) LGAED ()
(c) INAFG ()
(d) EDALG ()
88. Count the number of 1's that are sandwiched between 9's and 6's in the following series.
9696189261921691629261916996619
- (a) 3 ()
(b) 4 ()
(c) 5 ()
(d) 6 ()
89. Replace the question mark in the series given below with appropriate number from the following:
426 538 652 ?
- (a) 760 ()
(b) 768 ()
(c) 769 ()
(d) 770 ()

Direction (Question Nos. 90 – 92) : In a certain code language, the meanings of some of the words are as follows:

“Ding dong norm korn” means “we can do it”

“Hout bout korn shoe” means “there was damn it”

“Jingle mingle bout bomb” means “Alisha hit arrow there”

“Hick biak jingle siam” means “Tread straight path Alisha”

90. The word Alisha has been coded as :
- (a) Hick ()
(b) Biak ()
(c) Jingle ()
(d) Mingle ()
91. The code “korn” refers to :
- (a) Can ()
(b) Do ()
(c) We ()
(d) It ()
92. The word “there” has been coded as:
- (a) Mingle ()
(b) Bout ()
(c) Jingle ()
(d) Biak ()

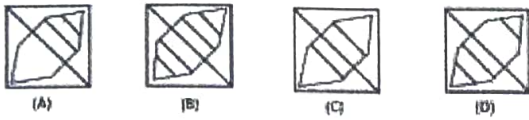
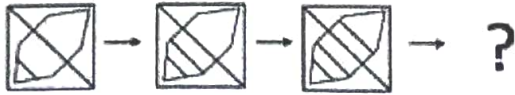
93. If the cousin of the son of Rama is the son of Siama, then how are Siama and Rama related to each other?
- (a) Real brothers ()
- (b) Father and son ()
- (c) Cousin brothers ()
- (d) Cannot be definitely determined ()
94. How many pairs of letters are there in the word CHLORINATION that have four letters each in between them if we follow the English Alphabet in an ascending order?
- (a) Four ()
- (b) Three ()
- (c) Two ()
- (d) One ()
95. A man starts from a point and heads towards the North. He covers a distance of 36m and stops. Then, he heads towards south-west from that point and covers some distance. Then he stops and heads towards the east. What is the total distance covered by him if he covers 27m while travelling towards the east and if he stops at his starting point?
- (a) 66m ()
- (b) 45m ()
- (c) 108m ()
- (d) 208m ()

Direction (Question Nos.96 – 98) : Study the following information and answer the questions.

M, N, P, R, T, W, F and H are sitting around a circle facing the centre. P is third to the left of M and second to the right of T. N is second to the right of P. R is second to the right of W who is second to the right of M. F is not an immediate neighbour of P.

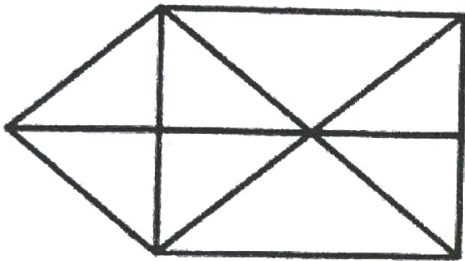
96. Who is to the immediate of right of P?
- (a) H ()
- (b) F ()
- (c) R ()
- (d) W ()
97. Who is to the immediate left of R?
- (a) P ()
- (b) H ()
- (c) W ()
- (d) T ()
98. Who is second to the right of F?
- (a) M ()
- (b) R ()
- (c) T ()
- (d) Data inadequate ()

99. Direction: Find the next figure that completes the given sequence.



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

100. Count the number of triangles in :



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

* * * * *