

GOVERNMENT OF MIZORAM
INFORMATION & PUBLIC RELATIONS,
PRINTING & STATIONERY DEPARTMENT

COMPETITIVE EXAMINATION FOR RECRUITMENT TO
THE POST OF LOWER DIVISION CLERK (PE)
(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. Which of the following is a characteristic of a GUI (Graphical User Interface)?
 - (a) Relies on text-based commands ()
 - (b) Requires precise syntax ()
 - (c) Primarily used in embedded systems ()
 - (d) Provides visual elements for interaction ()
2. Which section of the Information Technology Act, 2000 provides legal recognition of electronic records?
 - (a) Section 10 ()
 - (b) Section 35 ()
 - (c) Section 4 ()
 - (d) Section 17 ()
3. What major innovation defined fourth generation computers?
 - (a) Large Scale Integration (LSI) circuits ()
 - (b) Microprocessors ()
 - (c) Minicomputers ()
 - (d) Semiconductor memory ()
4. Which of the following is graphics solution for Word Processors?
 - (a) Clipart ()
 - (b) WordArt ()
 - (c) Drop Cap ()
 - (d) All of the above ()
5. In MS Word, Pressing F8 key three times selects:
 - (a) A word ()
 - (b) A sentence ()
 - (c) A paragraph ()
 - (d) Entire document ()

6. Thesaurus tool in MS Word is used for:
- (a) Spelling suggestions ()
 - (b) Grammar options ()
 - (c) Synonyms and Antonyms words ()
 - (d) All of the above ()
7. Which of the following circuit is used as a Memory Device in computers?
- (a) Flip Flop ()
 - (b) Rectifier ()
 - (c) Attenuator ()
 - (d) Resistor ()
8. The memory sizes in mainframe computers and advanced technology micro computer are expressed as:
- (a) Bytes ()
 - (b) Kilobytes ()
 - (c) Bits ()
 - (d) Megabytes ()
9. Which of the following statement is false?
- (a) Photoshop is a graphical design tool by Adobe ()
 - (b) Linux is free and open-source software ()
 - (c) Linux is owned and sold by Microsoft ()
 - (d) Windows XP is an operating system ()
10. An error in computer is also known as:
- (a) Debug ()
 - (b) Bug ()
 - (c) Virus ()
 - (d) Program ()
11. DNS in Internet Technology stands for:
- (a) Distributed Name System ()
 - (b) Dynamic Name System ()
 - (c) Domain Name System ()
 - (d) Data Name System ()
12. USB stands for:
- (a) Unique Serial Bus ()
 - (b) Universal Serial Bus ()
 - (c) Unique Sequential Bus ()
 - (d) Universal Sequential Bus ()
13. Find the odd one out.
- (a) Python ()
 - (b) C++ ()
 - (c) Java ()
 - (d) Linux ()

14. OMR stands for:

- (a) Optical Mark Recognition ()
- (b) Optional Mark Recognition ()
- (c) Optimal Mark Registration ()
- (d) Optical Mark Registration ()

15. DRAM stands for:

- (a) Data Random Access Memory ()
- (b) Data Random Active Memory ()
- (c) Dynamic Random Access Memory ()
- (d) Double Random Access Memory ()

16. In computer, BIOS is stored at:

- (a) DRAM ()
- (b) Flash ()
- (c) EEPROM ()
- (d) Hard Disk ()

17. What is the main difference between a mainframe and a supercomputer?

- (a) Supercomputer is much larger than mainframe computers. ()
- (b) Super computers are much smaller than mainframe computers. ()
- (c) Supercomputers are focused to execute few programs as fast as possible while mainframe uses its power to execute as many programs concurrently. ()
- (d) Supercomputers are focused to execute as many programs as possible while mainframe uses its power to execute few programs as fast as possible. ()

18. The MS-DOS Operating system is a:

- (a) Graphical user interface, single-tasking operating system ()
- (b) Graphical user interface, multi-tasking operating system ()
- (c) Command-driven interface, single-tasking operating system ()
- (d) Command-driven interface, multi-tasking operating system ()

19. Find the odd one out.

- (a) FORTRAN ()
- (b) COBOL ()
- (c) LISP ()
- (d) UBUNTU ()

20. What is the supercomputer developed in India?

- (a) PARAM ()
- (b) Frontier ()
- (c) LUMI ()
- (d) Alps ()

21. Intel and AMD are manufacturers of:

- (a) Hard Disk ()
- (b) Processor ()
- (c) RAM ()
- (d) Motherboard ()

22. The Melissa virus of 1999 is related to:
- (a) e-mail Virus ☐
 - (b) Macro virus ☐
 - (c) Trojan Horse ☐
 - (d) Time Bomb ☐
23. Who is regarded as the father of the internet?
- (a) Charles Babbage ☐
 - (b) Denis Ritche ☐
 - (c) Martin Cooper ☐
 - (d) Vint Cerf ☐
24. The technology used to provide internet by transmitting data over wires of the telephone network is:
- (a) Transmitter ☐
 - (b) Diodes ☐
 - (c) Rheostat ☐
 - (d) DSL ☐
25. A spurious computer programme that replicates itself at a swift pace is called:
- (a) Trojan Horse ☐
 - (b) Bombs ☐
 - (c) Worms ☐
 - (d) Python ☐
26. WAN Stands for:
- (a) Wide Array Net ☐
 - (b) Wireless Area Network ☐
 - (c) Wireless Array Net ☐
 - (d) Wide Area Network ☐
27. The keyboard shortcut to switch between displaying Excel formulas or their values in a cell is:
- (a) Ctrl + Shift + ! ☐
 - (b) Ctrl + Shift + @ ☐
 - (c) Ctrl + Shift + ~ ☐
 - (d) Ctrl + Shift + % ☐
28. What is the best way to create a uniform background image to all slide?
- (a) By inserting images in all Slides ☐
 - (b) Define background image into Slide Master ☐
 - (c) Insert image on First Slide ☐
 - (d) Copy and paste Image on all slides manually ☐
29. Collecting personal information and effectively posing as another individual is known as:
- (a) Spooling ☐
 - (b) Identity Theft ☐
 - (c) Hacking ☐
 - (d) Spoofing ☐

30. The common name for the crime of stealing passwords is:
- (a) Spooling ()
 - (b) Debugging ()
 - (c) Hacking ()
 - (d) Spoofing ()
31. In computers, instructions and memory address are represented by:
- (a) Parity bit ()
 - (b) Binary word ()
 - (c) Binary codes ()
 - (d) Character code ()
32. The ALU of the computer responds to commands coming from:
- (a) Primary memory ()
 - (b) Control Section ()
 - (c) External Memory ()
 - (d) Cache Memory ()
33. A single packet on a data link is known as:
- (a) Path ()
 - (b) Frame ()
 - (c) Block ()
 - (d) Group ()
34. Which of the following are two components of the CPU?
- (a) Control Unit and Registers ()
 - (b) ALU and Bus ()
 - (c) Registers and Main Memory ()
 - (d) Control Unit and ALU ()
35. EEPROM stands for:
- (a) Electrically Erasable Programmable Read-only Memory ()
 - (b) Electrically Erasable Programmable Read and Write Memory ()
 - (c) Electronically Erasable Programmable Read-only Memory ()
 - (d) Electronically Erasable Programmable Read and Write Memory ()
36. VLSI is used in which generation of computer?
- (a) First ()
 - (b) Second ()
 - (c) Third ()
 - (d) Fourth ()
37. Which feature allows you to organize and sequence slides in a presentation?
- (a) Slide sorter ()
 - (b) Spell check ()
 - (c) Slide check ()
 - (d) Slide Arrange ()

38. In a GUI, what does the "desktop" refer to?
- (a) The physical location of the computer ()
 - (b) The main screen where icons and windows are displayed ()
 - (c) A device used for pointing and clicking ()
 - (d) A document preparation software ()
39. Which among the following was India's first Teraflop supercomputer?
- (a) PARAM 10000 ()
 - (b) PARAM Yuva ()
 - (c) PARAM Padma ()
 - (d) PARAM 9000/ss ()
40. Which was the first desktop hybrid computing system?
- (a) Colossus ()
 - (b) Zeta ()
 - (c) Hycomp 250 ()
 - (d) HYDAC 2400 ()
41. Which of the following system is also known as desknates?
- (a) Laptop ()
 - (b) Notebook ()
 - (c) DTR computer ()
 - (d) Nettops ()
42. What is the full form of UPS?
- (a) Unplugged Power Supply ()
 - (b) Uninterruptible Power System ()
 - (c) Unknown Power Source ()
 - (d) Uninterrupted Power Source ()
43. Which of the key combination is used to move to the bottom of the column in MS Excel?
- (a) Ctrl + D ()
 - (b) Ctrl + U ()
 - (c) Ctrl + Down Arrow ()
 - (d) Ctrl + End ()
44. What is the size of currency datatype?
- (a) 2 bytes ()
 - (b) 4 bytes ()
 - (c) 6 bytes ()
 - (d) 8 bytes ()
45. What is trigger used for in MS PowerPoint?
- (a) To start the slideshow ()
 - (b) To end the slideshow ()
 - (c) Initiate a sequence of animations by clicking on a specific object ()
 - (d) To start random special effects when a particular key is pressed ()

46. Which of these is a program used to install viruses on computers?
- (a) A Dropper ()
 - (b) A Wrapbox ()
 - (c) A Logic bomb ()
 - (d) Flip flop ()
47. Integrated Circuits (ICs) are generally made of which element?
- (a) Tin ()
 - (b) Germanium ()
 - (c) Copper ()
 - (d) Silicon ()
48. What is the primary advantage of a CLI over a GUI?
- (a) More intuitive for beginners ()
 - (b) Requires less memory ()
 - (c) Faster and more efficient for experts ()
 - (d) Better for touch-screen devices ()
49. In 1969, ARPANET was developed by which country?
- (a) France ()
 - (b) England ()
 - (c) USA ()
 - (d) Russia ()
50. A set of rules followed by each computer present on a network is called:
- (a) Web ()
 - (b) HTTP ()
 - (c) Domain ()
 - (d) Protocol ()

SIMPLE ARITHMETIC (50 MARKS)

51. The average of 21 consecutive numbers is 62. What is the smallest number?
- (a) 52 ()
 - (b) 51 ()
 - (c) 50 ()
 - (d) 53 ()
52. If the selling price of 18 items equals the cost price of 24 items, the percentage loss is:
- (a) 20% ()
 - (b) 25% ()
 - (c) 30% ()
 - (d) $33\frac{1}{3}\%$ ()

53. Find the missing term: 3, 8, 15, 24, ?
- (a) 33 ()
(b) 34 ()
(c) 35 ()
(d) 36 ()
54. A, B and C can complete a work in 12, 18 and 36 days respectively. In how many days will all three together complete the work?
- (a) 6 ()
(b) 7 ()
(c) 8 ()
(d) 9 ()
55. If 45% of a number exceeds 30% of the same number by 180, the number is:
- (a) 900 ()
(b) 1000 ()
(c) 1200 ()
(d) 1400 ()
56. Find the odd one out.
- (a) 169 ()
(b) 289 ()
(c) 361 ()
(d) 343 ()
57. If DEEP is coded as GFHR, how is SOUL coded?
- (a) VRTX ()
(b) VQXM ()
(c) VRXM ()
(d) VRXQ ()
58. A man walks 10 m south, 15 m east, then 10 m north and finally 5 m west. How far and in which direction is he from the starting point?
- (a) 10 m East ()
(b) 10 m West ()
(c) 5 m East ()
(d) 5 m West ()
59. The ratio of the present ages of P and Q is 5 : 7. After 6 years, the ratio becomes 3 : 4. What is Q's present age?
- (a) 21 ()
(b) 28 ()
(c) 35 ()
(d) 42 ()
60. Find the missing letter: C, G, M, S, ?
- (a) Y ()
(b) Z ()
(c) X ()
(d) W ()

61. The HCF of two numbers is 18 and their LCM is 2160. If one number is 360, the other is:
- (a) 96 ()
 (b) 108 ()
 (c) 120 ()
 (d) 144 ()
62. Identify the odd one out.
- (a) Cube ()
 (b) Cone ()
 (c) Sphere ()
 (d) Square ()
63. If TABLE is written as 20-1-2-12-5, how is CHAIR written?
- (a) 3-8-1-9-18 ()
 (b) 3-8-1-18-9 ()
 (c) 3-8-9-1-18 ()
 (d) 3-1-8-9-18 ()
64. A train running at 72 km/hr crosses a platform in 30 seconds. If the platform is 300 m long, find the length of the train.
- (a) 250 m ()
 (b) 280 m ()
 (c) 300 m ()
 (d) 320 m ()
65. Find the missing number: 2, 6, 14, 30, ?
- (a) 46 ()
 (b) 58 ()
 (c) 62 ()
 (d) 66 ()
66. If $\div$ means $\times$, $\times$ means $-$, $-$ means $+$ and $+$ means $\div$, then find the value of $24 \div 6 \times 2 - 4 + 2$.
- (a) 6 ()
 (b) 8 ()
 (c) 10 ()
 (d) 12 ()
67. Five persons A, B, C, D and E are sitting in a row facing north. B is to the immediate right of A. C is not at any end. D is to the left of C. E is not next to A. Who is sitting in the middle?
- (a) A ()
 (b) B ()
 (c) C ()
 (d) D ()
68. What is the angle between the hour hand and minute hand at 5:24?
- (a) 12° ()
 (b) 18° ()
 (c) 24° ()
 (d) 30° ()

69. A sum of money becomes five times itself in 20 years at simple interest. The rate of interest is:
- (a) 15% ☐
 - (b) 20% ☐
 - (c) 25% ☐
 - (d) 30% ☐
70. If A = 1, B = 2, ... Z = 26, find the value of the word 'MIZORAM'.
- (a) 78 ☐
 - (b) 82 ☐
 - (c) 86 ☐
 - (d) 89 ☐
71. Find the odd one out.
- (a) Logic ☐
 - (b) Reason ☐
 - (c) Emotion ☐
 - (d) Thought ☐
72. If today is Monday, what day of the week will it be after 203 days?
- (a) Tuesday ☐
 - (b) Wednesday ☐
 - (c) Thursday ☐
 - (d) Friday ☐
73. A boat takes 6 hours to travel downstream and 10 hours upstream between two points. What is the ratio of the speed of the boat to the speed of the stream?
- (a) 2 : 1 ☐
 - (b) 3 : 1 ☐
 - (c) 4 : 1 ☐
 - (d) 5 : 1 ☐
74. $4 : 64 :: 5 : ?$
- (a) 125 ☐
 - (b) 256 ☐
 - (c) 312 ☐
 - (d) 625 ☐
75. Which word does NOT belong to the group?
- (a) Judge ☐
 - (b) Lawyer ☐
 - (c) Doctor ☐
 - (d) Advocate ☐

GENERAL INTELLIGENCE & REASONING (50 MARKS)

76. Which of the following is an irrational number?

(a) $\sqrt{\frac{4}{25}}$ ()

(b) $\sqrt{5}$ ()

(c) $\frac{\sqrt{12}}{\sqrt{3}}$ ()

(d) $\sqrt{100}$ ()

77. Simplify: $\frac{2+\sqrt{7}}{2-\sqrt{7}} + \frac{2-\sqrt{7}}{2+\sqrt{7}}$

(a) $\frac{22}{3}$ ()

(b) 7 ()

(c) 1 ()

(d) $-\frac{22}{3}$ ()

78. $\frac{\sqrt{288}}{\sqrt{128}} = ?$

(a) $\frac{\sqrt{3}}{2}$ ()

(b) $\frac{3}{\sqrt{2}}$ ()

(c) $\frac{3}{2}$ ()

(d) 1.49 ()

79. The sum of 6 numbers is 612. Find their average.

(a) 102 ()

(b) 103 ()

(c) 101 ()

(d) 104 ()

80. An umbrella marked at ₹80 is sold for ₹68. The rate of discount is:

(a) 12% ()

(b) 15% ()

(c) $17\frac{11}{17}\%$ ()

(d) 20% ()

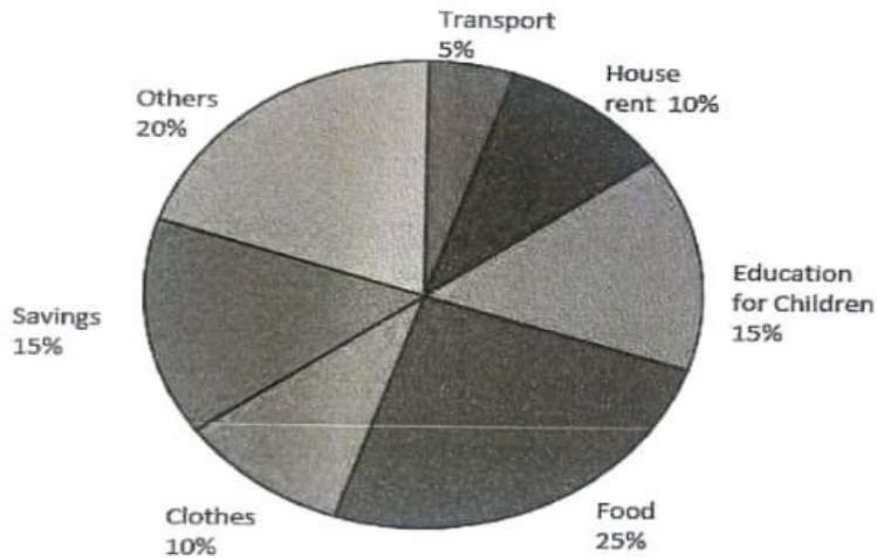
81. There are 75 apples in a basket of which 12% are rotten. How many apples are good enough to be sold?
- (a) 9 ()
(b) 84 ()
(c) 63 ()
(d) 66 ()
82. A watch is sold for ₹1080 at a loss of 10%. The cost price of the watch is:
- (a) ₹1180 ()
(b) ₹1200 ()
(c) ₹1188 ()
(d) ₹1125 ()
83. A fruit seller buys lemons at 2 for a rupee and sells them at 5 for ₹3. His gain percent is:
- (a) 10% ()
(b) 15% ()
(c) 20% ()
(d) 25% ()
84. Salaries of Julia and Nolan are in the ratio 2: 3. If the salary of each is increased by ₹6000, the new ratio becomes 5: 7. Nolan's new salary is:
- (a) ₹42,000 ()
(b) ₹36,000 ()
(c) ₹12,000 ()
(d) ₹30,000 ()
85. Rosy, Samson and Abigail invest ₹1060, ₹1730 and ₹1710 respectively to start a business. If the profit at the end of the year is ₹1150, then what is the share of Abigail in the profit?
- (a) ₹437 ()
(b) ₹435 ()
(c) ₹440 ()
(d) ₹438 ()
86. 20 girls can paint a house in 15 days. But the same house can be painted in just 10 days by 15 boys. If 10 boys and 10 girls are asked to work together, then in how many days will they complete the painting starting from scratch?
- (a) 15 days ()
(b) 30 minutes ()
(c) 45 minutes ()
(d) 10 days ()
87. A and B together can do a piece of work in 4 days. A alone can do it in 6 days. Time taken by B alone to finish is:
- (a) 8 days ()
(b) 10 days ()
(c) 12 days ()
(d) 14 days ()

88. A tap 'A' can fill a cistern in 8 hours and another tap 'B' can empty the full cistern in 12 hours. If both the taps are opened together when the cistern is empty, the time taken to fill the cistern is:
- (a) 8 hours ()
 (b) 24 hours ()
 (c) 16 hours ()
 (d) 12 hours ()
89. Matthew crosses a path 600 m long in 5 minutes. His speed in km/h is:
- (a) 12 ()
 (b) 10 ()
 (c) 7.2 ()
 (d) 8.2 ()
90. A car travels 92.4 km/h. How many metres will it travel in 10 minutes?
- (a) 14500 m ()
 (b) 15000 m ()
 (c) 17500 m ()
 (d) 15400 m ()
91. The compound interest on ₹8000 for 1 year at 10% per annum, compounded half-yearly, is:
- (a) ₹820 ()
 (b) ₹800 ()
 (c) ₹882 ()
 (d) ₹8400 ()
92. The radii of the ends of a frustum of a cone 16 cm high are 20 cm and 8 cm. Its slant height is:
- (a) 28 cm ()
 (b) 20 cm ()
 (c) $20\sqrt{5}$ cm ()
 (d) 25 cm ()
93. The area of a sector of a circle of radius 21 cm and central angle 120° is:
- (a) 462 cm^2 ()
 (b) 512 cm^2 ()
 (c) 441 cm^2 ()
 (d) 386 cm^2 ()
94. Out of 7 consonants and 4 vowels, how many words of 3 consonants and 2 vowels can be formed?
- (a) 21000 ()
 (b) 25000 ()
 (c) 22500 ()
 (d) 25200 ()
95. In how many ways can the letters of the word "PARALLEL" be arranged so that all L's do not come together?
- (a) 3360 ()
 (b) 3000 ()
 (c) 3720 ()
 (d) 3630 ()

96. A tower stands vertically on the ground. From a point on the ground which is 15 m away from the foot of the tower, the angle of elevation of the top of the tower is found to be 60° . Then the height of the tower is:

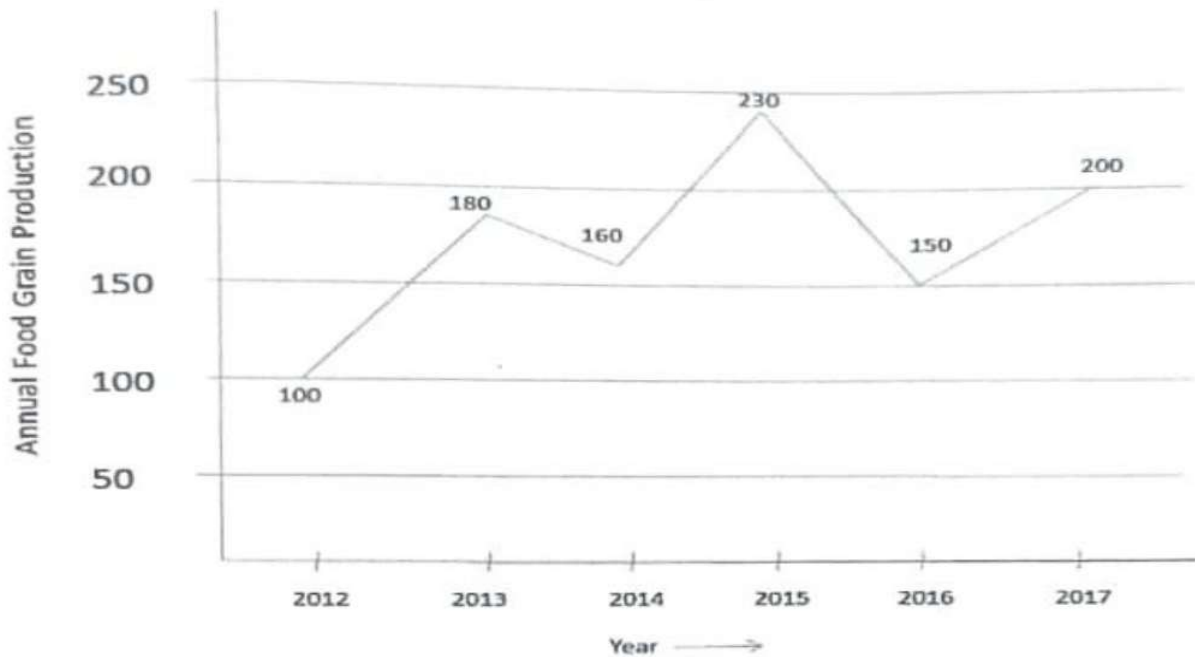
- (a) $5\sqrt{3}$ m ()
(b) $10\sqrt{3}$ m ()
(c) $15\sqrt{3}$ m ()
(d) 30 m ()

97. The given pie-chart gives the expenditure (in percentage) on various items and savings of family during a month. If the monthly savings of the family is ₹3000, what is the monthly expenditure on clothes?



- (a) ₹2000 ()
(b) ₹2500 ()
(c) ₹3000 ()
(d) ₹20000 ()

98. The following line graph shows the annual food grain production of a country.



For how many years was the production higher than the average production of the period?

- (a) 5 ()
 (b) 4 ()
 (c) 2 ()
 (d) 3 ()

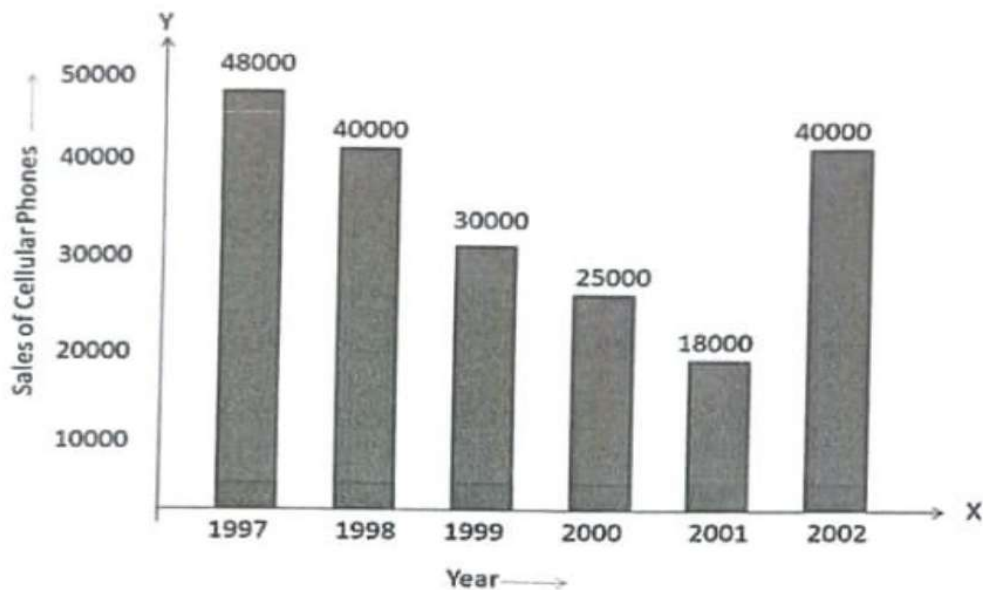
99. The table given below shows the number of workers working at various Bharat Petroleum

Year	Exploration Department	Maintenance Department	Health Department	Finance Department	Safety and Environment Department
2003	150	50	25	75	45
2004	225	45	35	73	70
2005	450	30	73	70	82
2006	470	35	70	74	105
2007	500	36	75	70	130
2008	505	32	80	75	132

What was the average number of workers working in safety and environment Department during the years 2003 to 2008?

- (a) 455.66 ()
 (b) 564 ()
 (c) 94 ()
 (d) 93.66 ()

100. The bar graph given below shows the sale of cellular phones from 1997 to 2002.



The difference in the sales of cellular phones for the years 1997 and 1999 is?

- (a) 500 units ()
- (b) 18,000 units ()
- (c) 5,000 units ()
- (d) 1,000 units ()

* * * * *