MIZORAM PUBLIC SERVICE COMMISSION

COMPETITIVE EXAMINATION FOR THE POST OF
LOWER DIVISION CLERK
UNDER MIZORAM PUBLIC SERVICE COMMISSION
FEBRUARY-2025

PAPER-II

Time Allowed : 3 hours   FM : 200

All questions carry equal mark of 2 each.

Attempt all questions.

1. What is the main focus of fifth-generation computers?
   (a) High-speed computation
   (b) Artificial intelligence and parallel processing
   (c) Batch processing
   (d) Basic calculations

2. Central Processing Unit of a computer is basically composed of -
   (a) Memory and UPS
   (b) Processor, RAM, Hard Disk and Motherboard
   (c) Processor and RAM only
   (d) Arithmetic and Logic Unit

3. Main memory of a computer is -
   (a) RAM   (b) Hard Disk
   (c) Processor   (d) Pendrive

4. Cache memory of a computer is -
   (a) Slower memory than RAM and is used for bulk storage.
   (b) Fast memory bridging the gap between Hard Disk and RAM
   (c) Memory that can be carried around to transfer files between computers.
   (d) Generally integrated within the processor, so as to bridge between processor and memory.

5. Which output device is suitable for printing high-quality graphics like blueprints?
   (a) Inkjet Printer   (b) Plotter
   (c) Laser Printer   (d) Dot Matrix Printer

6. A software is-
   (a) The physical components of a computer
   (b) The processing speed of a computer
   (c) The electrical wiring of a computer
   (d) A set of instructions that tell the computer what to do

7. Operating System is best classified as -
   (a) Application Software   (b) System Software
   (c) Hardware Driver   (d) Second Generation Computers

8. Classification of computers is most appropriately done on the basis of -
   (a) Computing power and capacity to manage data
   (b) Display size
   (c) Generation of computers
   (d) Amount of storage supported

9. A supercomputer is most commonly used for -
   (a) Basic office tasks and browsing
   (b) Weather forecasting, scientific simulations and complex calculations
   (c) Gaming and multimedia applications
   (d) Storing large amounts of customer data

10. The Information Technology (Amendment) Act is a bill that amends the Information Technology Act
    (a) 1999   (b) 2000
    (c) 2001   (d) 2002

11. The program that, after being initially loaded into the computer by a boot program, manages all the other application programs in a computer.
    (a) Firmware   (b) Drivers
    (c) Middleware   (d) Operating System

12. The latest Microsoft Windows available for general public use is -
    (a) Windows XP   (b) Windows 10
    (c) Windows 11   (d) Windows 12

13. Which of the following is an example of a system icon found in the Taskbar?
    (a) Recycle Bin   (b) Network icon
    (c) Application shortcut   (d) Folder icon

14. A collection of tools that allows users to view and change system settings
    (a) Control Panel   (b) Switches
    (c) Router   (d) Msconfig

15. Which of the following is not correct?
    (a) A file and a folder existing in the same location can not have same name.
    (b) The file extension in windows determine the file type.
    (c) The file extension of known files is shown by default.
    (d) System files can be shown to users.

16. When naming files and folders, which of the following is NOT allowed in Windows?
    (a) Spaces between words   (b) Numbers and letters
    (c) Uppercase and lowercase letters   (d) Using / ? * < > |

17. What happens when you delete a shortcut in Windows?
    (a) The actual file or program is deleted
    (b) The shortcut is removed, but the original file or program remains unaffected
    (c) The shortcut is permanently moved to a different folder
    (d) The original file is moved to the Recycle Bin

18. Which of the following application is not installed during windows installation by default?
    (a) Calculator   (b) Wordpad
    (c) MS Word   (d) MS Paint

19. What can you typically see on the Word screen of a word processor?
    (a) A blank page with a cursor, menus, and toolbars
    (b) Only the title of the document
    (c) The system settings
    (d) A list of running programs

20. Followings are the options of text alignments of paragraph in Microsoft Word -
    (a) Top, bottom, left and right.   (b) Left, right and center.
    (c) Left, center, right and justify.   (d) Left, justify and right.

21. What is the default line spacing in most word processors?
    (a) Double   (b) Single
    (c) 1.5   (d) 1.15

22. Shortcut for centering alignment in Microsoft Word is -
    (a) Ctrl + J   (b) Ctrl + C
    (c) Ctrl + E   (d) Ctrl + space

23. Which MS feature automatically corrects typos, capitalization errors, and misspelled words?
    (a) AutoCorrect   (b) Proofreading
    (c) Spellcheck   (d) Rename

24. Grammar checking can be done on the followings except -
    (a) Capitalization   (b) Fragments and run-ons
    (c) Sentence meanings   (d) Noun phrases

25. What happens if you leave the "Replace with" field blank in the Replace dialog box?
    (a) The search operation stops   (b) The text remains unchanged
    (c) The word processor displays an error   (d) The text is deleted wherever it is found

26. Which of the following options can be customized in the Borders and Shading dialog box?
    (a) Text font and size   (b) Paragraph alignment
    (c) Border style, color, and width   (d) Page orientation

27. What is the shortcut key to apply bullets in MS word document?
    (a) Ctrl + B   (b) Alt + L
    (c) Shift + F5   (d) Ctrl + Shift + L

28. In Microsoft Word, the master document in mail merge is -
    (a) A document containing the data that is used to fill the fields.
    (b) A document that contains the general format and typesetting.
    (c) A merged document that contains print-ready document.
    (d) A document that provides the intended recipients of the letter.

29. A feature that allows users to add special effects to text in MS word-
    (a) WordArt   (b) Text Effect
    (c) Text highlight   (d) Font editor

30. Selecting part of cells within the Microsoft Word table and then pressing delete results to -
    (a) Deletion of the table itself.
    (b) Deleting of the cells and merge the selected areas.
    (c) Deletion of the selected cell contents.
    (d) Deletion of the cell and its contents, then moving up the cells below.

31. In Excel, a collection of cells that are organized into rows and columns :
    (a) Components
    (b) Tables
    (c) Slides
    (d) Worksheets

32. To add a range of rows in column 'C' of excel:
    (a) =SUM(C2:C10)
    (b) =ADD(Col2:Col10)
    (c) =Sum(R2C,R10C)
    (d) =SUM(Col2 - Col10)

33. Which of the following is an example of an absolute reference?
    (a) A1
    (b) A$1
    (c) A1
    (d) $A1

34. In Excel how do you adjust the width of a column to fit the longest entry in that column?
    (a) Double-click the boundary between column headings
    (b) Right-click and choose "AutoFit Column Width"
    (c) Use the Format option in the Home tab
    (d) All of the above

35. Which of the following is a conditional function in Excel that returns a value based on a logical test?
    (a) =SUM()
    (b) =IF()
    (c) =AVERAGE()
    (d) =COUNTIF()

36. How do you enter edit mode to change the contents of a cell in Excel?
    (a) Double-click the cell
    (b) Press F2
    (c) Right-click and select "Edit"
    (d) Both (a) & (b)

37. What does the Data Table feature in Excel allow you to do?
    (a) Analyze the results of multiple scenarios quickly
    (b) Summarize and categorize data
    (c) Filter data based on specific conditions
    (d) Sort data by ascending or descending order

38. If you want to update the data of an existing chart in excel, what should you do?
    (a) Change the data in the worksheet, and the chart will update automatically
    (b) Use the "Update Chart" button on the ribbon
    (c) Right-click the chart and select "Refresh Data"
    (d) Delete the chart and create a new one

39. In Microsoft PowerPoint a single pages that make up a presentation is -
    (a) Tables
    (b) Sheets
    (c) Slides
    (d) Components

40. In PowerPoint, what is the default layout when you add a new slide to a presentation?
    (a) Blank Slide
    (b) Title Slide
    (c) Title and Content
    (d) Two Content

41. In Slide Sorter View, what can you do with the slides?
    (a) Add transitions between slides
    (b) Edit the content of the slides
    (c) Rearrange the order of the slides
    (d) View the presentation in full-screen mode

42. Which option should you use to add sound effects to an animation on a slide?
    (a) Click the "Animations" tab and select "Add Sound"
    (b) Right-click the animation and select "Add Sound"
    (c) Click "Insert Audio" from Design tab
    (d) Click the "Insert" tab, then "Audio" and select "Sound"

43. What does the "Rehearse Timings" feature do in PowerPoint?
    (a) Allows you to practice delivering your presentation and automatically records the timing for each slide
    (b) Sets the duration for each slide to display automatically
    (c) Applies the same timing to all slides in the presentation
    (d) Changes the background music timing

44. A worldwide system of interconnected computer networks and electronic devices that communicate with each other using an established set of protocols:
    (a) Internet   (b) Intranet
    (c) Internet Protocol   (d) Domain Name Address

45. Which of the following is an example of an Internet governance organization?
    (a) United Nations (UN)
    (b) Internet Corporation for Assigned Names and Numbers (ICANN)
    (c) Federal Communications Commission (FCC)
    (d) World Trade Organization (WTO)

46. Which of the following is NOT a search engine?
    (a) Google   (b) Bing
    (c) Yahoo   (d) Android

47. How does HTTPS ensure security during a transaction?
    (a) By encrypting the entire communication between the user and the website
    (b) By hiding the user's IP address
    (c) By limiting access to sensitive websites
    (d) By storing data on secure servers

48. What does "IMAP" stand for in e-mail systems?
    (a) Internet Mail Access Protocol   (b) Internet Message Access Protocol
    (c) Integrated Mail Access Protocol   (d) Internet Multi Access Protocol

49. What does "CC" stand for in e-mail communication?
    (a) Carbon Copy   (b) Closed Copy
    (c) Confidential Copy   (d) Copy Code

50. Which one of the following is NOT email provider?
    (a) Gmail   (b) GPay
    (c) Yahoo Mail   (d) Proton Mail

51. Add $2\sqrt{2} + 5\sqrt{3}$ and $\sqrt{2} - 3\sqrt{3}$.
    (a) $3\sqrt{2} + 2\sqrt{3}$ (b) $7\sqrt{2}\sqrt{3} - \sqrt{3}\sqrt{2}$
    (c) $3\sqrt{4} + 2\sqrt{0}$ (d) $3\sqrt{4} + 3\sqrt{6}$

52. The average of 7 consecutive numbers is 20. The largest of these numbers is :

    (a) 21   (b) 22

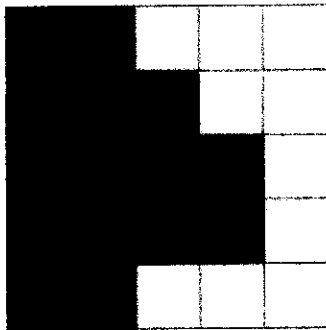   (c) 23   (d) 24

53. Which of the following is not a prime number?

    (a) 233   (b) 251

    (c) 241   (d) 259

54. Successive discounts of 20% and 10% are equivalent to a single discount of :

    (a) 28%   (b) 15%

    (c) 30%   (d) 25%

55. What percentage of large square is coloured?

    (a) 40%   (b) 15%

    (c) 60%   (d) 10%

56. The average monthly income of P and Q is ₹5,050. The average monthly income of Q and R is ₹6,250 and the average monthly income of P and R is ₹5,200. The monthly income of P is :

    (a) ₹3500   (b) ₹4000

    (c) ₹4050   (d) ₹5000

57. A can do a piece of work in 10 days, and B can do the same work in 20 days. With the help of C, they finished the work in 4 days. C can do the work in how many days, working alone?

    (a) 5 days   (b) 10 days

    (c) 15 days   (d) 20 days

58. How many words can be formed by using 3 letters from the words 'DELHI'?

    (a) 40   (b) 50

    (c) 60   (d) 70

59. How many ways, can we select a team of 4 students from a given choice of 15?

    (a) 34880   (b) 32760

    (c) 1365   (d) 132

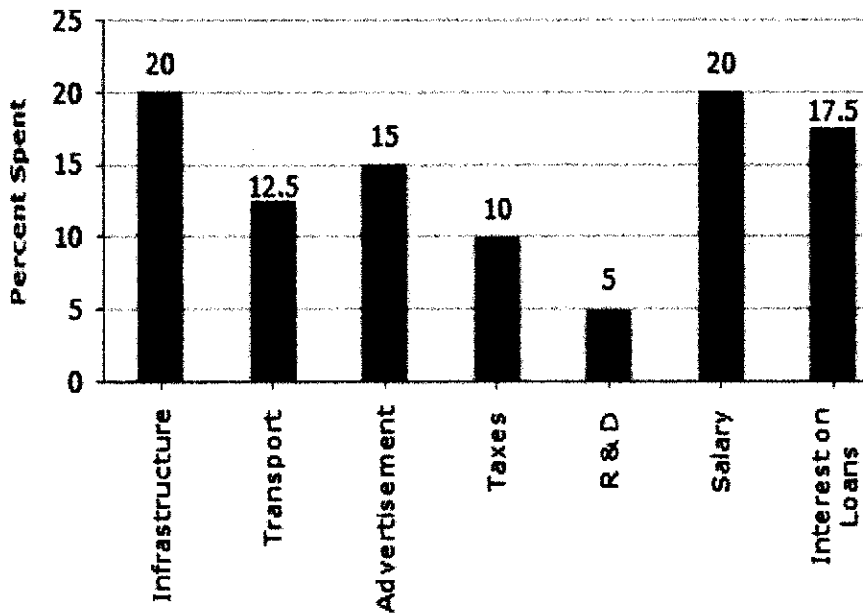**60.** The longest straight rod that can be placed inside a room of dimensions 12m×6m×4m is :

    (a) 12 m   (b) 14 m

    (c) 16 m   (d) 22 m

61. The given graph shows the flight of an aeroplane. How long was the plane in level flight?

(a) 40 mins. (b) 20 mins.

(c) 70 mins. (d) 90 mins.

62. The bar graph given below shows the percentage distribution of the total expenditures of a company under various expense heads during 2021.

The total amount of expenditures of the company is how many times of expenditure on research and development (R&D)?
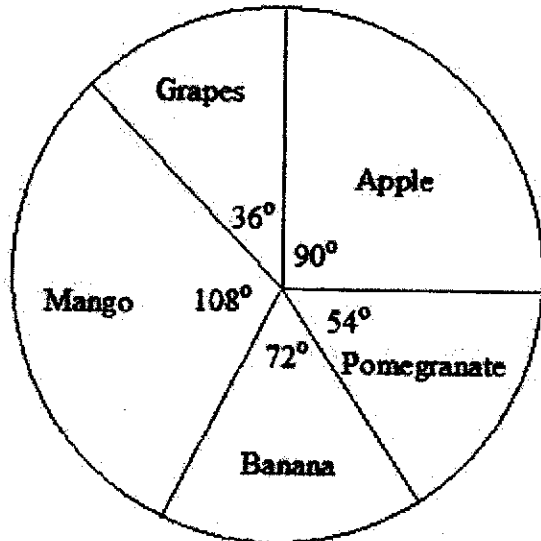
(a) 25 (b) 20

(c) 15 (d) 10

63. The fractional form of $0.2\overline{45}$ in its simplest form is :

(a) $\dfrac{16}{101}$ (b) $\dfrac{26}{101}$

(c) $\dfrac{17}{110}$ (d) $\dfrac{27}{110}$

64. $\dfrac{2^3+2}{5}+7\times3-1$ of 9 is equal to :

    (a) 12   (b) 14

    (c) 16   (d) 18

65. A man sold a chair at ₹2,100 and made a loss of 25%. At what price should he sell the chair if he wants to make a profit of 15%?

    (a) ₹3,220   (b) ₹3,230

    (c) ₹2,330   (d) ₹2,230

66. Two numbers are in the ratio 4:7. If 3 is added to each number, the ratio becomes 3:5. Then the two numbers are :

    (a) 20 and 40   (b) 22 and 42

    (c) 23 and 43   (d) 24 and 42

67. If $x : y = 3 : 2$ and $x + y = 90$, then the value of $(x - y)$ is :

    (a) 12   (b) 14

    (c) 16   (d) 18

68. The average weight of 9 Apples and 1 Mango is 800 grams. If the Mango is excluded, then the average weight is reduced by 150 grams. Then the weight of the Mango is :

    (a) 2100 grams   (b) 2150 grams

    (c) 2200 grams   (d) 2250 grams

69. A and B started a business by investing ₹4,000 and ₹6,000 respectively. After 6 months, they earned a profit of ₹3,000. What is B's share of the profit if they share the profit in the ratio of their investments?

    (a) ₹1,800   (b) ₹1,500

    (c) ₹1,200   (d) ₹2,000

70. A train running at the speed of 66 km/hr crosses a signal pole in 18 seconds. The length of train is :

    (a) 320 m   (b) 325 m

    (c) 330 m   (d) 335 m

71. The compound interest on ₹15,625 for 1 yr 6 month at 8% per annum, when compounded half-yearly is :

    (a) ₹4,951   (b) ₹3,951

    (c) ₹2,951   (d) ₹1,951

72. The difference of simple interest from two banks for ₹3,000 in 3 years is ₹90. Then, the difference in rates of interest is :

    (a) 4%   (b) 3%

    (c) 2%   (d) 1%

73. The radii of two cones are in the ratio 2:5 and their volumes are in the ratio 3:5. Then, the ratio of their heights is :

    (a) 11:15   (b) 15:4

    (c) 13:11   (d) 4:11

74. The angle of elevation of the sun, when the height of the a tree is √3 times the length of its shadow, is:

    (a) 30°   (b) 45°

    (c) 60°   (d) 90°

75. The following pie-chart shows the cost of different fruits per kg.

If the total cost of these fruits, one kg. each is ₹500. Then the difference of the cost of pomegranate and grapes per kg. is :

(a) ₹25   (b) ₹30

(c) ₹35   (d) ₹40

76. Sty : Pig :: Byre: ?

(a) Eagle   (b) Cow

(c) Tiger   (d) Hen

77. Country : President :: State : ?

(a) Chief Minister   (b) Prime Minister

(c) Speaker   (d) Governor

78. ACEG : DFHJ :: QSUW : ?

(a) TVXZ   (b) TQST

(c) MNPR   (d) EGIJ

79. Find the odd word from the given alternatives.

(a) Pathology   (b) Geology

(c) Cardiology   (d) Radiology

80 In this question a series is given with one term missing. Choose the correct alternatives from the given ones that will complete the series.

AGMSY, CIOUA, EKQWC, ?, IOUAG, KQWCI

(a) GMSYE   (b) FMSYE

(c) GNSYD   (d) FMYES

81. A word/set of letters given in capital letters is followed by four answer words. Out of these only one cannot be formed by using the letters of the given word/set of letters. Find out the word:

INDETERMINATE

(a) DETERMINE   (b) RETINUE

(c) REMINDER   (d) RETINA

82. If the first four letters of a term HIPPNOWADIASM are written in reverse order, the next five letters are written without changing their order and then, the remaining letters are written in reverse order, then which letter is in the middle of the word?

    (a) O   (b) W

    (c) A   (d) I

83. If SPARK is coded as TQBSL, what will be the code for FLAME?

    (a) GMBNF   (b) GNBNF

    (c) GMCND   (d) GMBMF

84. Among her children, Ganga's favorites are Ram and Rekha. Rekha is the mother of Sarat, who is loved most by his uncle Mithun. The head of the family is Ramlal, who is succeeded by his sons Gopal and Mohan. Gopal and Ganga have been married for 35 years and have three children. What is the relation between Mithun and Mohan?

    (a) Uncle   (b) Son

    (c) Brother   (d) None of the above

85. Rajiv is the brother of Arun. Sonia is the sister of Sunil. Arun is the son of Sonia. How is Sunil related to Rajiv?

    (a) Son   (b) Brother

    (c) Father   (d) Nephew

86. Vivek and Ashok start from a fixed point. Vivek moves 3km north and turns right and then covers 4Km. Ashok moves 5Km west and turns right and walks 3Km. Now, how far are they apart?

    (a) 10Km   (b) 9Km

    (c) 8Km   (d) 6Km

87. If South East become North, then what will South West become?

    (a) North   (b) West

    (c) East   (d) North West

88. In a row of girls, Kamala is 9th from the left and Veena is 16th from the right. If they interchange their positions, Kamla become 25th from the left. How many girls are there in the row?

    (a) 34   (b) 36

    (c) 40   (d) 41

89. Kathir is senior of Ganesh. Ganesh is senior of Apparu. Apparu is junior of Raju. Raju is junior of Ganesh. Who is the most senior?

    (a) Ganesh   (b) Raju

    (c) Kathir   (d) Apparu

90. 4, 16, 64, 256, ...?..., 4096

    (a) 512   (b) 2048

    (c) 4096   (d) 1024

91. Choose the correct sequence:

        (a) Librate   (b) Modesty

        (c) Mixture   (d) Feature

        (e) Licence

    (a) d,e,b,c,a   (b) b,d,a,e,c

    (c) a,b,e,c,d   (d) d,a,e,c,b

Directions (Question No. 92):In the question below is given two statements followed by two conclusions numbered I and II. You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusion and then decide which of the given conclusions logically follows from the given two statements, disregarding commonly known facts:

92. Statements I. All men are dogs.

           II. All dogs are cats.

  Conclusions I. All men are cats.

           II. All cats are men.

    (a) If only conclusion I follows
    (b) If only conclusion II follows

    (c) If neither I nor II follows
    (d) If both I and II follow

93. Choose the odd one from the given group.

    (a) Square
    (b) Triangle

    (c) Cube
    (d) Rectangle

94. From the given numbers 728, 593, 645, 296, 968 what will be the first digit of the second highest number after the position of only first and third digits within each number are interchanged?

    (a) 5
    (b) 6

    (c) 7
    (d) 8

95. Find the missing character from among the given alternatives.

K	B
G	?

    (a) C
    (b) D

    (c) E
    (c) F

96. Find the missing character from among the given alternatives.

C	F	I
?	O	L

    (a) T
    (b) P

    (c) R
    (c) N

97. Find the missing number from the given responses?

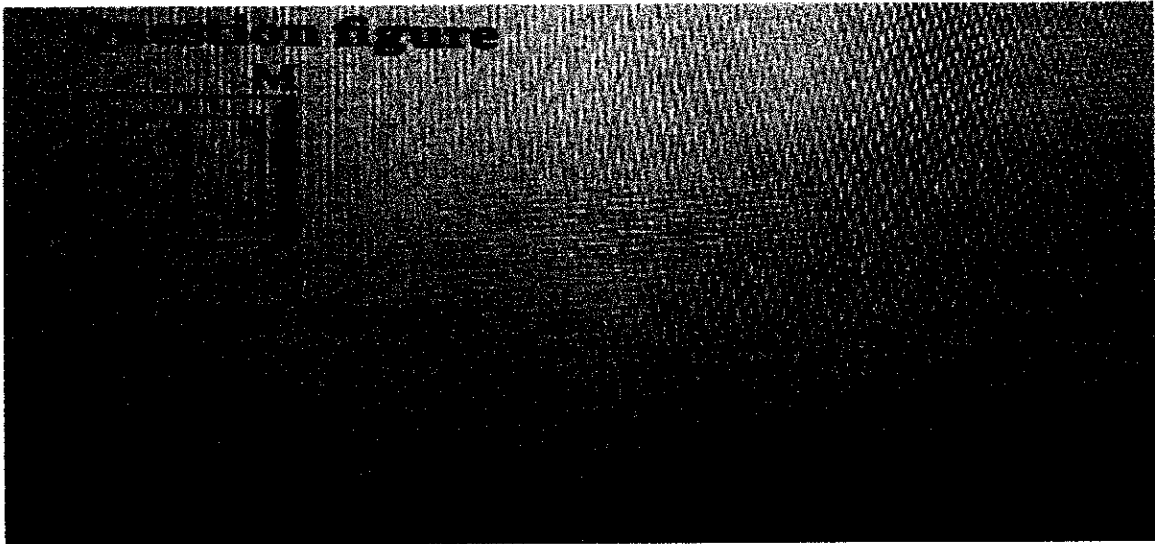| 5	6	12
4	3	4
2	3	?
18	27	96

    (a) 4
    (b) 5

    (c) 3
    (d) 6

98. Select the missing number?

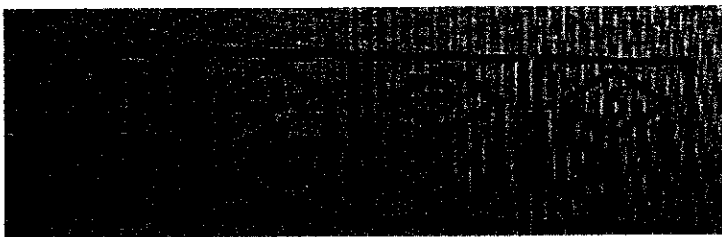| ?	27
9	5

    (a) 14   (b) 15

    (c) 12   (d) 13

99. In the question if a mirror is placed on the line MN, then which of the answer figure is the right image of the given figure?

100. A dice is thrown four times and its four different positions are given below. Find the number on the face opposite of the face showing 2?

    (a) 4   (b) 5

    (c) 6   (d) 3

* * * * * * *