



## Mathematics

### General Instructions:

- 1) Candidate will write his Roll Number on Computerized Answer Sheet and Open Ended Part in digits. It is repeated, write Roll Number in digits.
- 2) Attempt all questions. Read each question carefully before answering.
- 3) Instructions to solve these questions are written with related parts.
- 4) Extra sheet can be demanded if required for Open Ended part (Part B).
- 5) Students are not allowed to take the Question Paper/Answer Sheet out of the Examination Centre.
- 6) Tick  the correct option with a PEN, for right answer to the MCQ's part, on the computerized answer sheet. Tick  sign must be remain within the box.

Example:

1. Pakistan came into being.  
(a) 1856 (b) 1905 (c) 1947 (d) 1927

Correct method to answer:

Q.1	(a)	(b)	(c)	(d)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Note: Multiple ticked  answers for one question will be considered wrong.

## Part-(A) MULTIPLE CHOICE QUESTIONS

TIME ALLOWED: 1 hour 20 minutes

### Specific Instructions:

Thirty (30) Multiple Choice Questions (MCQs) are given in this part. Attempt all questions. All questions carry equal marks.

- Q. No.1. The largest five digit number is  
(a) 99999 (b) 10000 (c) 98999 (d) 99888
- Q. No.2. Eighty cror seventy lac sixty six thousand three hundred and seventy two in number is  
(a) 80,700 66372 (b) 80 70 66372  
(c) 800 70 66372 (d) 8070660372
- Q. No.3. Correct place of coma in million system for number 34 56 78 913 is  
(a) 3,456,789,13 (b) 345, 678, 913  
(c) 3,45, 678, 913 (d) 34, 56, 78, 91,3
- Q. No.4. Nine cror Eighty two lac five thousand and twenty one in million billion system is written as  
(a) Ninety Eight million two hundred five thousand twenty one  
(b) Ninety eight million five hundred thousand twenty one  
(c) Ninety eight million two hundred thousand five hundred and twenty one  
(d) Ninety eight million two thousand five hundred twenty one
- Q. No.5. MDXII in decimal system is  
(a) 150012 (b) 100050012 (c) 15012 (d) 1512

Q. No.6. Common factor of  $\frac{48}{96}$  is

- (a) 12 (b) 16 (c) 4 (d) 24

Q. No.7. Decimal fraction of  $\frac{21}{500}$  is

- (a) 0.42 (b) 0.042 (c) 0.21 (d) 0.021

Q. No.8. Answer of  $3.6321 + 2.2342$  upto 2 decimal places

- (a) 5.86 (b) 5.87 (c) 5.96 (d) 5.88

Q. No.9. Ali Imran has Rs. 500.75. He distributed Rs. 120.50 per person among 4 people. Remaining amount, Ali Imran has

- (a) Rs. 18.75 (b) Rs. 20.75 (c) Rs. 10.75 (d) Rs. 15.75

Q. No.10. Solve  $3 + \{4 + 2(\frac{1}{2} - \frac{1}{2})\}$

- (a) 7 (b) 9 (c) 5 (d) 11

Q. No.11. Price for one kg pine apple is Rs. 87, total price for three kilogram of pine apple is

- (a) Rs. 29 (b) Rs. 261 (c) Rs. 90 (d) Rs.84

Q. No.12. Monthly expenditure of Muhammad Arshad is Rs. 3000. Due to arrival of friends, he spent this amount in 15 days. His daily expenditure now is

- (a) Rs. 400 (b) Rs. 200 (c) Rs. 100 (d) Rs. 50

Q. No.13. 8 Labourers got a contract of digging within 10 days. But only five labourers worked and completed their work in days.

- (a) 10 (b) 16 (c) 8 (d) 6

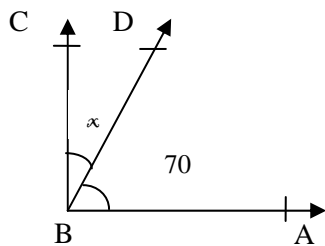
Q. No.14. Average of 35,45,40,24 is

- (a) 144 (b) 36 (c) 40 (d) 24

Q. No.15. Average of 4 numbers is 20. If sum of first three numbers is 70, then fourth number is

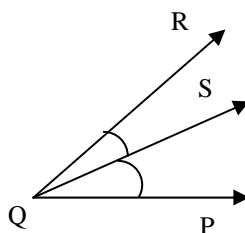
- (a) 10 (b) 20 (c) 30 (d) 40

Q. No.16. Measurement of  $\angle x$  is



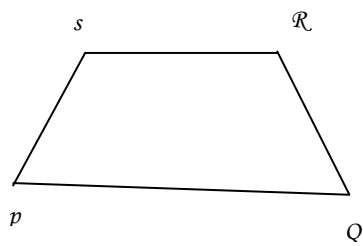
- (a)  $20^\circ$  (b)  $70^\circ$  (c)  $60^\circ$  (d)  $90^\circ$

Q. No.17. In picture the given angles are



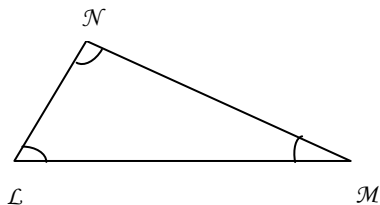
- (a) Adjacent (b) Supplementary (c) Complimentary (d) Abtuse

Q. No.18. Parallel line segments in diagram are



- (a)  $\overline{PQ}, \overline{SR}$       (b)  $\overline{PQ}, \overline{QR}$       (c)  $\overline{QR}, \overline{RS}$       (d)  $\overline{QR}, \overline{PS}$

Q. No.19. Sum of Angles of a triangle is



- (a)  $180^\circ$       (b)  $120^\circ$       (c)  $90^\circ$       (d)  $150^\circ$

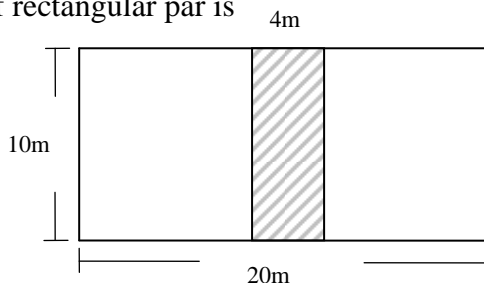
Q. No.20. If one side of a square room is 8 m then area of the floor of the room is

- (a)  $64\text{m}^2$       (b)  $16\text{m}^2$       (c)  $8\text{m}^2$       (d)  $4\text{m}^2$

Q. No.21. Identify cylinder



Q. No.22. Map of rectangular park is



- Area of the park is  
 (a)  $10\text{m}^2$       (b)  $20\text{m}^2$       (c)  $30\text{m}^2$       (d)  $200\text{m}^2$

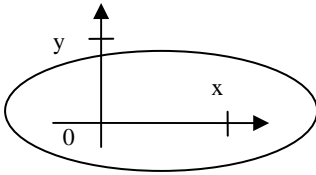
Q. No.23. A graph in which data is shown in horizontal bars is

- (a) Horizontal bar Graph      (b) vertical Bar graph  
 (c) Line Graph      (d) Pi Graph

Q. No.24. In a graph, if one big square represents 10 students then 40 students can be represented by number of big squares.

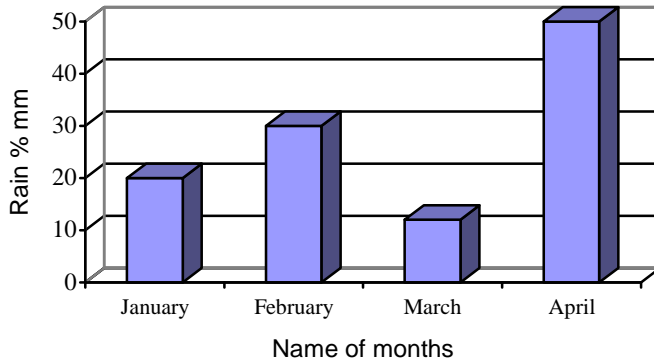
- (a) 10      (b) 8      (c) 6      (d) 4

Q. No.25. Horizontal line is called



- (a) x-axis      (b) y-axis      (c) xy-axis      (d) axis

Q. No.26. In which month was minimum rainfall in the graph.

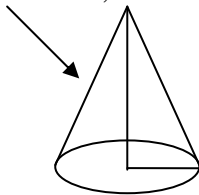


- (a) January      (b) February      (c) March      (d) April

Q. No.27. If average of some numbers is 25 and their sum is 625 the count of the numbers is

- (a) 25      (b) 125      (c) 625      (d) 650

Q. No.28. In cone, indicated line segment is called



- (a) vertex      (b) radius      (c) height      (d) slope

Q. No.29. Comas are placed correctly for

Fortynine billion eight hundred twenty nine million four hundred and four, in “lac cror” system as

- (a) 4,98,29,4,4      (b) 4,98,29,00,404  
(c) 49, 82,90,00,404      (d) 49, 82, 90, 404

Q. No.30. Answer of  $\frac{4}{5} \div \frac{8}{7}$  in decimal fraction is

- (a) 0.7      (b) 0.07      (c) 7      (d) 70



# GRADE-5 SCHOLARSHIP EXAMINATION 2007

Roll Number: \_\_\_\_\_

Center Code: \_\_\_\_\_

Signature of Supervisor: \_\_\_\_\_

Date: \_\_\_\_\_

## Mathematics Part-(B)

### OPEN ENDED QUESTIONS

TIME ALLOWED: 30 minutes

**Specific Instructions:** This part has 4 Open Ended Questions. Attempt all questions. All questions carry equal marks. Please use blank space below the questions to write the answers. Clearly write the respective question number and then solve it.

Q. No.31. Distance of the school from the house of Muhammad Islam is 350m. Draw a line graph from the table given below:

Time	8:00	8:05	8:10	8:15
Distance (m)	0	100	200	350

Q. No.32. A company sells its product in a cube box of length 4cm. If it decreases the length of cube box by 0.5cm. Then what is the decrease in volume of the box? How much is the depreciation in volume of 300 such cube boxes?

Q. No.33. Average of 6 numbers is 70. If average of first 2 numbers is 50 and average of last three numbers is 80, then what will be third number?

Q. No.34. Solve and reduce answer to 2 decimal places.  
 $3.125 \div 1.24$

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Start solving from here.