

NextEdge

The World is Yours

Sample Paper
Grade 9-10 & O-Level

Section I [No Calculator]

MCQs 20x2= 40

Note: Four possible answers A,B,C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with marker or pen ink in the answer book. Cutting of filling two or more circles will result in zero mark in that question.

- i. The value of $0.57 \div 100$ is:
- | | |
|----------|-----------|
| A. 57 | B. 5.7 |
| C. 0.057 | D. 0.0057 |
- ii. The LCM of 3.6 , 4.5 and 6.3 is
- | | |
|---------|--------|
| A. 1260 | B. 140 |
| C. 360 | D. 126 |
- iii. In an examination a candidate has to secure 40% of the marks to pass. If candidate secures 190 marks and fails by 10 marks. The total number of marks in the examination is:
- | | |
|--------|--------|
| A. 400 | B. 360 |
| C. 500 | D. 600 |
- iv. In an examination 80% of the students passed in Mathematics and 70% passed in English, while 10% of the students failed in both the subjects. If 360 students passed in both the subjects, find the total number of students who appeared in the examination.
- | | |
|--------|--------|
| A. 400 | B. 640 |
| C. 630 | D. 600 |
- v. The average of five numbers is 42. If we include a sixth number 48, then the new average will be:
- | | |
|-------|-------|
| A. 44 | B. 45 |
| C. 43 | D. 46 |
- vi. A batsman has a certain average of runs for 11 innings. In the 12th inning he scores 129 runs, thereby increase his average by 9 runs. What is his average for the first 11 innings?
- | | |
|-------|-------|
| A. 82 | B. 45 |
| C. 52 | D. 48 |

xvi. How many months are there in $3 \times \frac{2}{3}$ years?

- A. 44
- C. 38

- B. 42
- D. None of these

xvii. Study the pattern and identify the next number in series.

10 70 11 67 13 64 16 61 _____ _____

- A. 19 58
- C. 18 58

- B. 20 58
- D. 58 20

xviii. Complete the series 4 10 8 14 12 18 _____

- A. 22
- C. 24

- B. 16
- D. 20

xix. If $K - B = 117$, Then $C.D - A.B = ?$

- A. 140
- C. 484

- B. 22
- D. None of these

xx. If DRIVER = 7 and PEDESTRIAN = 11 then ACCIDENT = ?

- A. 4
- C. 18

- B. -4
- D. 9

Section II

Attempt the following questions. All questions carry equal marks. $10 \times 2 = 20$

- i. 4, 45, 11.3, 41.3, ?, ?, 25.9, 33.9
Which two numbers should replace the question marks?

- ii.

32	
3	7

21	
9	2

?	
4	8

What number should replace the question mark?

- iii. What is the value of $-26 - -37$?

- iv. 10, 10, 9, 7, 7, ?, 4, 4, 3, 1
What number should replace the question mark?

- v. $\frac{13 \times 82}{4} = 0.125 \times ?$

- vi. A bag of potatoes weighs 50 lbs divided by half of its weight.
How much does the bag of potatoes weigh?

vii. What number should replace the question mark?

4	2	2	2
3	1	1	4
3	2	1	5
2	3	4	?

viii. 45% of a number is 225. Find the number

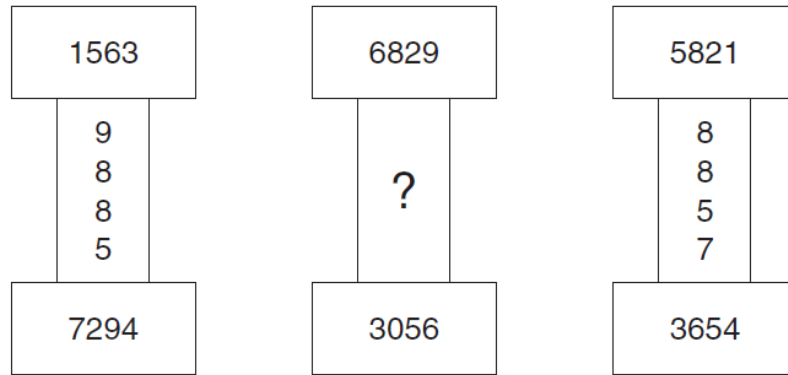
ix. Ejaz bought a bicycle for Rs. 750 and sold it for Rs. 675. Find his percentage loss.

x. Solve the following
 $7.009 - 5.9$

iii. In a co-education secondary school 65% of the students are boys. If there are 224 girls in the school, find the number of boys in the school.

iv. . Divide Rs. 59000 among Sohail, Imran and Amer such that ratio of Sohail's and Imran's share is 3:4 and Imran's and Amer share is 5: 6.

v.



What number should replace the question mark?

- vi. The population of a town increases at the rate of 5% every year. The population is 8000. In how many years it becomes 9261?

- vii. From the information already provided, find the link between the numbers in each row, and then fill in the missing numbers:

3859	1 1 1 4	--
4978	-----	4 6
7579	-----	--

- viii. If a person bought a carpet for Rs. 20,000 and sold it for Rs. 25,000. What percentage profit did he make on his cost price?

ix. A road runs 1200 ft from A to B and then makes a right angle going to C, a distance of 500 ft. A new road is being built directly from A to C. How much shorter will the new road be?

x. At an election a candidate secure 40% of the votes but is defeated by the other candidate by a majority of 298 votes. Find the total number of votes recorded.

Answers:

Part 1 MCQs

Q1	B - 0.0057	Q2	D- 126	Q3	C - 500	Q4	D – 600
Q5	C- 43	Q6	C- 52	Q7	D – 1/250	Q8	C – 440
Q9	C – 15000	Q10	C – 18	Q11	D – 1:5	Q12	V. 657 kg
Q13	C – 0.45 kg	Q14	A – 16	Q15	C – X	Q16	A – 44
Q17	B - 20 , 58	Q18	B - 16	Q19	A – 140	Q20	D - 9

Part 2

Q1. 18. 6 , 37.6

Q2. 18

Q3. 11

Q4. 6

Q5. 2132

Q6. 10 lbs

Q7. 22

Q8. 500

Q9. Loss 10%

Q10. 1.108

Part 3

Q1. 1 apple cost 0.18 and 1 banana cost 0.14

Q2. Asma Score

Q3. 416

Q4. Sohail's share Rs. 15,000
Imran's Share Rs. 20,000
Amir's share Rs. 24,000

Q5. 9

4

7

5

Q6. 3 Years

Q7. 3859 1114 25

4978 1325 46

7579 1216 37

Q8. 25%

Q9. 400ft

Q10. 1490