

Std 9 (English)

Mathematics Part - 1

Date 11-03-23

Std 9

Time 1hr 15 Minutes

Chapter

Marks 37

Q.1 Multiple Choice Questions

2

- 1 The given table gives certain observation. Answer the given questions

Height (in cm)	Tally marks	Frequency
80 - 85		5
85 - 90		9
90 - 95		9
95 - 100		5
100 - 105		12

What is the class mark of third class

- a. 92.5 b. 90 c. 95 d. None of above

- 2 When 5 is subtracted from length and breadth of the rectangle, perimeter become 26. What is the mathematical form of the statement ?

- a. $x - y = 8$ b. $x + y = 8$ c. $x + y = 23$ d. $2x + y = 21$

Q.2 Solve the following

2

- 1 The mean of seven number is 63. If the six number are 65,70,68,59,73,55. Find the seventh number.
- 2 Observe the table and state whether the income tax is to be paid or not for the following persons having taxable F.Y. 2017-13 as given below

Person	Age in year	Taxable Income in Rs.	The tax is to be paid or not
Mr. Bhagwan	80	2,70,000	

Q.3 Answer the following

6

- 1 Solve the following simultaneous equations. $2x + y = 5$; $3x - y = 5$
- 2 Compute the net income tax payable in case of Mr. Kadam, who is 35 years age having taxable income of Rs. 2,70,000 in F.Y. 2017-18.
- 3 The mean of 35 observation is 20. If the mean of the first 18 observations is 15 and that of last 18 observations is 25, find the 18 th observation.

Q.4 Attempt the following. (activity)

6

- 1 Compute the income tax payable by following individuals. Mr.Khan is 65 years of age and his taxable income is Rs.4,50,000.

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