Spardhaguru India Private Limited

Marks scored in Examination

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Vedic Mathematics

1) In a group of students, 70% can speak English and 65% can speak Hindi. If 27% of the students can speak none of the two languages, then what per cent of the group can speak both the languages ?
a) 28% b) 62% c) 23% d) 38%

2) A candidate secured 30% marks in an examination and failed by 6 marks. Another secured 40% marks and got 6 marks more than the bare minimum to pass. The maximum marks are
a) 100 b) 120 c) 180 d) 150

3) In an examination, there were 1000 boys and 800 girls. 60% of the boys and 50% of the girls passed. Find the percent of the candidates failed ?
a) 44.4% b) 48.4%
c) 49.6% d) 46.4%

4) A student has to obtain 33% of total marks to pass. He got 25% of total marks and failed by 40 marks. The number of total marks is
a) 500 b) 300
c) 1000 d) 800

5) For an examination it is required to get 36 % of maximum marks to pass. A student got 113 marks and failed by 85 marks. The maximum marks for the examination are :
a) 565 b) 550
c) 620 d) 500

6) A student has to secure 40% marks to pass. He gets 90 marks and fails by 10 marks. Maximum marks are :
a) 250 b) 225
c) 275 d) 200

7) In an examination, 60% of the candidates passed in English and 70% of the candidates passed in Mathematics, but 20% failed in both of these subjects. If 2500 candidates passed in both the subjects, the number of candidates who appeared at the examination was
a) 4000 b) 3500
c) 5000 d) 3000

8) 72% of the students of a certain class took Biology and 44% took Mathematics. If each student took at least one subject from Biology or Mathematics and 40 took both, then the total number of students in the class is :
a) 250 b) 240
c) 320 d) 200

9) A student scored 32% marks in science subjects out of 300. How much should he score in language papers out of 200 if he is to get overall 46% marks ?
a) 66% b) 67%
c) 60% d) 72%

10) A candidate who gets 20% marks in an examination fails by 30 marks but another candidate who gets 32% gets 42 marks more than the passing marks. Then the percentage of pass marks is :
a) 33% b) 50%
c) 25% d) 52%

11) In an examination 80% of the boys passed in English and 85% passed in Mathematics, while 75% passed in both. If 45 boys failed in both, the number of boys who sat for the examination was
a) 200 b) 450
c) 150 d) 400

12) In the annual examination Mahuya got 10% less marks than Supriya in Mathematics. Mahuya got 81 marks. The marks of Supriya are
a) 88 b) 87 c) 89 d) 90

13) In an examination 34% failed in Mathematics and 42% failed in English. If 20% failed in both the subjects, the percentage of students who passed in both subjects was
a) 44% b) 50%
c) 56% d) 54%

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14) In an examination a candidate must secure 40% marks to pass. A candidate, who gets 220 marks, fails by 20 marks. What are the maximum marks for the examination?
a) 600 b) 800
c) 450 d) 1200

15) In an examination, 1100 boys and 900 girls appeared. 50% of the boys and 40% of the girls passed the examination. The percentage of candidates who failed
a) 50% b) 45.5%
c) 54·5% d) 45%

16) In two successive years 100 and 75 students of a school appeared at the final examination. Respectively, 75% and 60% of them passed. The average rate of pass is
a) $80\frac{1}{2}\%$ b) 78%
c) 80% d) $68\frac{4}{7}\%$

17) In an examination 60% of the students pass in English, 70% pass in Hindi and 40% pass in both. What percent of students fail in both English and Hindi?
a) 25% b) 20%
c) 30% d) 10%

18) A student has to secure minimum 35% marks to pass in an examination. If he gets 200 marks and fails by 10 marks, then the maximum marks are
a) 500 b) 400
c) 600 d) 300

19) A candidate who scores 30 per cent fails by 5 marks, while another candidate who scores 40 per cent marks gets 10 more than minimum pass marks. The minimum marks required to pass are
a) 100 b) 70
c) 150 d) 50

20) In an examination there were 640 boys and 360 girls. 60% of boys and 80% of girls were successful. The percentage of failure was :
a) 30.5% b) 60%
c) 32.8% d) 20%

21) In an examination, 65% of the students passed in Mathematics, 48% passed in Physics and 30% passed in both. How much per cent of students failed in both the subjects ?
a) 13% b) 43%
c) 47% d) 17%

22) 25% of the candidates who appeared in an examination failed to qualify and only 450 candidates qualified. The number of candidates, who appeared in the examination, was
a) 550 b) 600
c) 500 d) 700

23) In a class 60% of the student pass in Hindi and 45% pass in Sanskrit. If 25% of them pass in at least one subject, what percentage of the students fail in both the subjects ?
a) 20% b) 75%
c) 25% d) 80%

24) In an examination 70% of the candidates passed in English. 80% passed in Mathematics. 10% failed in both the subjects. If 144 candidates passed in both, the total number of candidates were :
a) 240 b) 200
c) 375 d) 125

25) In an examination, a student who gets 20% of the maximum marks fails by 5 marks. Another student who scores 30% of the maximum marks gets 20 marks more than the
pass marks. The necessary percentage required for passing is :
a) 22% b) 23%

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c) 20% d) 32%

26) In an examination, 52% students failed in Hindi and 42% in English. If 17% failed in both the subjects, what percentage of students passed in both the subjects ?
a) 23% b) 33%
c) 18% d) 38%

27) In a test a student got 30% marks and failed by 25 marks. In the same test another student got 40% marks and secured 25 marks more
than the essential minimum pass marks. The maximum marks for the test were
a) 500 b) 480
c) 580 d) 400

28) In an examination, a student had to obtain 33% of the maximum marks to pass. He got 125 marks and failed by 40 marks. The maximum marks were
a) 800 b) 600
c) 1000 d) 500

29) Two students appeared at an examination. One of them secured 9 marks more than the other and his marks were 56% of the sum of their marks. The marks obtained by them are :
a) 41, 32 b) 43, 34
c) 39, 30 d) 42, 33

30) In an examination in which full marks were 500, A got 10% less than B. B got 25% more than C. C got 20% less than D. If A got 360 marks, what percentage of full marks was obtained by D ?
a) 50% b) 80%
c) 60% d) 90%

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