

**D.K.M.COLLEGE FOR WOMEN (AUTONOMOUS)**  
**APTITUDE TEST**

**DATA ANALYSIS**

1. The result of an exam is given below: Out of 2000 students who appeared (i) 1316 failed in Telugu (ii) 332 failed in Telugu and Punjabi (iii) 744 failed in Punjabi, 868 failed in Telugu and Bengali (iv) 1180 failed in Bengali, 252 failed in Bengali and Punjabi			
1. The number of students who failed in all the three subjects is			
a)	356	b)	146
c)	212	d)	252
2. The number of students who failed in Bengali but not in Punjabi is			
a)	928	b)	784
c)	774	d)	944
3. The number of students who failed in Telugu but not in Bengali is			
a)	448	b)	896
c)	1512	d)	928
4. The number of students who failed in Punjabi but not in Telugu is			
a)	318	b)	198
c)	213	d)	412
5. The number of students who failed in Telugu or Bengali but not in Punjabi is			
a)	1234	b)	1432
c)	1256	d)	1342
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<b>Area under tea cultivation (end-2013) &amp; production in 2013-14:</b>			
State/District	Area Under tea cultivation (thousands hectare)	Production of tea (Million Kg)	
Assam	300	630	
West Bengal	135	310	
Other Northern States	15	25	

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Total North India	450		965
Tamil Nadu	70		175
Kerala	35		60
Karnataka	5		10
Total south India	110		245
All Total	560		1210
<p>6. Total area under tea cultivation (thousands hectare) in Assam consists of Assam Valley and Cachar district in the ratio 4:1. If production yield of Assam Valley is 2.4, then find the tea production of Cachar district (million kg)?</p>			
a)	48	b)	54
c)	60	d)	65
<p>7. Which of the following options shows the correct order of tea production yield of Assam, west Bengal, Tamil Nadu and Kerala:</p>			
a)	Kerala > Assam > Tamil Nadu > West Bengal	b)	Tamil Nadu > West Bengal > Kerala > Assam
c)	Tamil Nadu > West Bengal > Assam > Kerala	d)	West Bengal > Assam > Tamil Nadu > Kerala
<p>8. Total area under cultivation in North India is 22.22% more than area under tea cultivation, with production yield of 1.9. Find the production of crops other than tea in North India (million kg)?</p>			
a)	65	b)	80
c)	94	d)	105
<p>9. All varieties of tea are produced in India, where CTC (Crush, Tear, Curl) teas account for 90% of production, Orthodox/green and instant tea accounts for remaining 10%. 60% of the CTC teas and 80% of the Orthodox/green and instant teas are exported by India. Find the total Exports of tea by India approximately (million kg)?</p>			
a)	625	b)	750
c)	800	d)	none of these
<p>10. Tea production by Tamil Nadu, Kerala, other Northern states and Karnataka combined together is what percentage of tea production by Assam State?</p>			

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a)	35.75%	b)	42.85%
c)	48.25%	d)	54.5%
<p>There are two trains. Krishna Express and Godavari Express . Both trains have four different types of coaches viz. general coaches, sleeper coaches, first class coaches. In Krishna Express, there are total 1000 passengers. Godavari Express has 20% more passengers than Krishna Express.</p> <p>27% of the passengers of Krishna Express are in general coaches. 17.5% of the total number of passengers of Krishna Express are in AC coaches. 33.5% of the passengers of Krishna Express are in sleeper class coaches. Remaining passengers of Krishna Express are in first class coaches. Total Number of passengers in AC coaches in both the trains together is 410. 33.75% of the number of passengers of Godavari Express is in sleeper class coaches, 125/6 % of the total passengers of Godavari Express are in first class coaches.Remaining passengers of Godavari Express are in general class coaches.</p> <p>11. What is the ratio of the number of passengers in first class coaches of Krishna Express to the number of passengers in sleeper class coaches of Godavari Express?</p>			
a)	13 : 7	b)	7 : 13
c)	32 : 39	d)	44:81
<p>12. What is the total number of passengers in the general coaches of Krishna Express and the AC coaches of Godavari Express together?</p>			
a)	449	b)	495
c)	505	d)	445
<p>13. What is the difference between the number of passengers in the AC coaches of Krishna Express and total number of passengers in sleeper class coaches and first class coaches together of Godavari Express ?</p>			
a)	478	b)	480
c)	487	d)	479
<p>14. If cost of per ticket of first class coach ticket is Rs.550, what</p>			

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total amount will be generated from first class coaches of Krishna Express ?			
a)	120000	b)	122000
c)	121000	d)	124000
15. If cost of per ticket of first class coach ticket is Rs.450 and AC class coach ticket is Rs.950, what total amount will be generated from First and AC class coaches of Godavari Express?			
a)	350000	b)	375750
c)	335750	d)	345000
In a school out of 250 students studying in class IX, boys & girls are in the ratio of 2 : 3 respectively. Each student likes to play one or more of the games Badminton Table Tennis & Foot Ball. 19% of the boys & 16% of the girls play only Badminton. 11 % of the boys & 18% of the girls play only Table Tennis and 16% of the boys & 12% of the girls play only Foot Ball. 15% of the boys & 18% of the girls play Badminton as well as Table Tennis. 17% of the boys & 14% of the girls play & Badminton as well as Foot Ball. 15% of the boys & 16% of the girls play table tennis as well as Foot Ball. Remaining boys & girls play all three			
16. How many girls play at least two games ?			
a)	93	b)	81
c)	96	d)	84
17. How many girls play Badminton as well as Table Tennis ?			
a)	23	b)	30
c)	36	d)	32
18. How many boys do not play Foot Ball ?			
a)	35	b)	45
c)	42	d)	39
19. Total how many students play Badminton ?			
a)	128	b)	139
c)	146	d)	145
20. How many students play at least one of the two games Badminton & Table Tennis ?			
a)	216	b)	199
c)	202	d)	196
Directions (1-5): Study the following information carefully and answer the questions given below: In a college there are 1400 students who are doing graduation in any one of			

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the subjects, out of the five different subjects viz. zoology, Botany, Mathematics, Physics and Statistics. The ratio of the number of boys and girls among them is 6:8.30% of the total girls are doing graduation in Zoology and 20% of the total girls are doing graduation in Statistics. The total number of students doing graduation in Botany is 220. 250 students are doing graduation in Mathematics. The ratio of the number of girls and the number of boys doing graduation in Statistics is 2:1.20% of the total number of boys are doing graduation in Botany. The ratio of the number of girls and that of boys doing graduation in Mathematics is 2:3. There are an equal number of boys and girls doing graduation in Physics. 290 students are doing graduation in Zoology.

21. What is the total number of students doing graduation in physics and Statistics together?

a)	510	b)	540
c)	640	d)	620

22. What is the ratio of the number of boys doing graduation in Mathematics and to a number of girls doing graduation in Botany?

a)	1:2	b)	3:1
c)	3:4	d)	3:2

23. What is the difference between the number of boys doing graduations in Zoology and the number of girls doing graduation in Mathematics?

a)	50	b)	75
c)	60	d)	45

24. In which of the following graduation courses, the number of the girls the highest and in which course is the number of boys is second lowest respectively?

a)	Statistics and Zoology	b)	Zoology and Botany
c)	Physics and Statistics	d)	Zoology and Statistics

25. The number of girls doing graduation in Statistics is what percent of the number of boys doing graduation in physics?

a)	76%	b)	75%
c)	80%	d)	81%