ಅಂಚೆ ಸಹಾಯಕ – 2014

ಅವಧಿ : 100 ನಿಮಿಷಗಳು   Part - A : General Knowledge   ಅಂಕಗಳು : 100

1. Which article of the constitution of India deals with the formation of new states and alteration of areas, boundaries or names of existing states:
   a) Article 5   **b) Article 3**
   c) Article 6   d) Article 2

2. Who has been vested with power by the constitution to permit any Member fo Parliament who cannot adequately express himself/ hereself in Hindi or in English to address the House in his / her mothertongue:
   a) Chairman of the Council of states or the person acting as such in the house
   b) Speaker of the House of the people or the person acting as such in the house
   c) Leader of the house
   d) Both (a) & (b)

3. What is the eligibility criteria of age for election as vice President of India?
   a) Should have completed the age of 35 years
   b) should have compled the age 30 years
   c) should have compled the age of 25 years
   d) Should have completed the age 32 years

4. The Great emperor Kanishkha belonged to which dynasty
   a) Kushana   b) Gupta

   c) Maurya   d) Vardhna

5. Which of the following was not written by Kalidas?
   a) Kumar Sambhavam
   b) Laghujatakam
   c) Meghdootam
   d) Raghuvansham

6. Which of the following is a credit rating agency:
   a) BSE   **b) ICRA**
   c) NSE   d) SEBI

7. The term "Bull" and "Bear" is related to:
   a) Share Market
   b) Horse Racing
   c) Taxation
   d) International Trading Directions:

8. Bleeding of gums and loosening of teeth is caused due to deficiency of
   a) Vitamin A   b) Vitamin B
   c) Vitamin C   d) Vitamin D

9. Which of the following is not present in blood?
   a) RBCs   b) WBCs
   c) Plasma   **d) Placenta**

10. A stick immersed in water appears bent due to the phenomenon of :
    a) Reflection of Light
    b) Diffraction of light

c) **Refraction of light**

d) Dispersion of light

11. This area is termed as territorial water and resources therein belonging to the nation:

a) **Oceanic area upto 12 natutical miles from the coast**

b) Oceanic area upto 19.2 nauticla miles from the coast

c) Oceanic area upto 15 nauticla miles from the coast

d) Oceanic area upto 20 nautical miles form the coast

12. Which state of India is the largest producer of Bajra?

a) **Rajasthan** b) Uttar Pradesh

c) Maharastra d) Gujarat

13. Kudremukh mine deposits known to be one of the largest in the world is located in the state of :

a) Assam **b) Karnataka**

c) Chattishgarh d) Jharkhand

14. Who reently won ICC under -19 world cup cricket title.

a) Pakistan b) India

c) **South Africa** d) Sri-Lanka

15. Term of the current Lok Sabha will expire on:

a) **1st June, 2014**

b) 25th May, 2014

c) 16th May, 2014

d) 27th May, 2014

16. BIMSTMC summit 2014 recently concluded in

a) Bhutan b) Sri-Lanka

c) Bangladesh **d) Myanmar**

17. The Prime Minister of which country is recently facing charges of negligence over a Government rice subsidy scheme?

a) Myanmar **b) Thailand**

c) Indonesia d) Bosnia

18. Whichof the following three countries elected/ appointed their prime ministers as recently as in Feb, 2014:

a) Thailand, Mynmar, Nepal

b) Thailand, Italy, Nepal

c) Myanmar, Italy, Egypt

d) **Italy, egypt, Nepal**

19. Identify the state with bicameral legislature:

a) Kerala **b) Maharastra**

c) Tamilnadu d) Rajastan

20. Who is present Governor of the state of Karnataka?

a) **Hans Raj Bhardwaj**

b) T.N. Chaturvedi

c) Rameshwar Thakur

d) None of these

21. The world environment day is celebrated on

a) December 1

b) **June 5** c) November 14

d) August 15

22. Clean water would have BOD value of less than:

a) **5 ppm** b) 19ppm

c) 25 ppm d) 50ppm

23. Rovers cup is associated with

a) Badminton b) Cricket

c) Hockey **d) None of these**

24. With which game is the term "Double fault" associated?

a) **Lawn Tennis** b) Cricket

c) Hockey d) None of these

25. The Asian Games are organised after every:

a) 3 years **b) 4 years**

c) 5 years d) 6 years

Part -B
Mathematics

26. 25.5 x Y x 14.7=4798.08, find Y:

a) 19.2 b) 11.6

c) 10.5 **d) 12.8**

27. What approximate best value should come in place of the question mark (?):

$$1\frac{5}{7} x 6\frac{12}{13} x 5\frac{8}{9} = ?$$

a) 110 **b) 70**

c) 30 d) 60

28. $\frac{2533}{500} x \frac{1}{250} = ?$

a) 0.064302 **b) 0.020264**

c) 0.030181 d) 0.004281

29. $\frac{2403}{4}$ is written in decimal form as:

a) 612.25 **b) 600.75**

c) 800.25 d) 650.75

30. 1085 books can be packed in a carton. If the no. of pack all the cartons?

a) 10770 b) 97965

c) 34390 **d) 97650**

31. $33\frac{1}{3}$% of 1260 + 80% of 755 = ?

a) 1162 b) 1402

c) 1024 d) None of these

32. $\frac{\sqrt{36 x 3 - 5 x 7}}{-4 x \sqrt{289}} = ?$

a) 1/2 **b) 1/4**

c) 1/3 d) None of these

33. What will happen to the area of a rectangle if its length is doubled and breadth is tripled?

a) 5 times more the area of the old rectangle

b) Area will remain the same

c) 6 times less the area of the old rectangle

d) 6 times more the area of the old rectangle

34. What is the distance travelled by Swati, if she takes three rounds of a circular park with radius 14 m.

a) 88m b) 250m

c) 314m **d) 264m**

35. The area of a trapezium shaped field is 480 m², the height is 15m and one of the parallel side is 20m. Find the other parallel side.

a) 44m b) 20m

c) 84m d) 150m

36. A farmer borrwed Rs. 2400 at 12% interest per annum. At the end of years, he cleared his account by paying Rs. 1200 and a cow. Whatt is the cost of the cow?

a) Rs. 3120 b) Rs. 2350

c) Rs. 1920 d) Rs. 2120

37. Vijaya obtains a loan of Rs. 64000 against his fixd deposits. If the rate of interest be 2.5 paise per rupee per annum, what is the compound interst payable after 3 years:
   a) **Rs. 4921**   b) 3925
   c) Rs. 5052   d) Rs. 4573

38. 55% of the population of a town are males. If the total population is 64100, the population of females is:
   a) 35255   **b) 28845**
   c) 30295   d) 29835

39. A path 1m wide is built a long the border inside a square garden of side 30m. What is the area of the path?
   a) **116m²**   b) 224 m²
   c) 196 m²   d) None of these

40. The Diameter of the wheel of a car is 77cm. How many revolutions will it make to travel 121km?
   a) 24200   b) 30000
   c) **50000**   d) 42500

41. Karan, Kabir and Kartik can together finish a project in 4 days. Karan by himself can do it in 12 days and Kabir by himself can do it in 10 days. How many days will Kartik take to finish the project alone?
   a) **15**   b) 13   c) 14   d) 10

42. Spinning 3 hours daily, Kanika can spin 2 kg cotton -balls in 12 days. Spinning 4 hours daily, how many days will she take to spin 10 kg cotton balls?
   a) **45 days**   b) 42 days
   c) 38 days   d) None of these

43. Sanya can embroider a bed-sheet in 15 days. Her sister in law can do it in 10 days. They start embroidering the bed-sheet together, but 2 days later her sister- in -law gives up the work and goes to her parents. In how many days will Sanya finish the remaining work:
   a) 8 days   **b) 10 days**
   c) 12 days   d) 7 days

44. A train travels at a certain everage speed for a distance of 63 km. There after it travels a distance of 72km with an average speed of 6km/hr more than the original speed. Total time taken to complete the journey is 3 hours. What is the original average speed of the train?
   a) 36km/hr   **b) 42km/hr**
   c) 48 km/hr   d) None of these

45. Shyam is travelling on his cycle and has calculated to reach point 'A' at 2pm If he travels at 10 kmph he will reach there at 12noon if he travels at 15 kmph. At what speed must he travel to reach "A" at 1 PM:
   a) **12 kmph**   b) 14 kmph
   c) 8 kmph   d) 11 kmph

46. Muskan donates Rs. 2000 to a school, the interest on which is to be used for awarding 5 acholarships of equal value every year. If the donee earns an interest of 10% per annum, the value of each scholarship is:
   a) **Rs. 40**   b) Rs. 50
   c) Rs. 30   d) None of these

47. If by selling 110 mangoes, the cost price of 120 mangoes is realised, the gain percentage is:
   a) $11\frac{1}{9}\%$ b) $9\frac{1}{8}\%$
   c) $10\frac{10}{11}\%$ d)