

09.09.19

STD: X

OMR

1. The black aeroplane was going down because:
 - a) it has seen an airport to land
 - b) some trouble developed in his aeroplane
 - c) it had no more fuel
 - d) it was landing
2. The word "preening" means:
 - a) glooming
 - b) grooming
 - c) smoothing
 - d) smoothing feathers with beak
3. The name of the poem and the poet is _____
 - a) A tiger in the zoo – John Berryman
 - b) How to tell Wild Animals – Robin Klein
 - c) A Tiger in the zoo – Leslie Norris
 - d) How to tell Wild Animals – El Bsor Ester
4. The oath taking ceremony took place at _____
 - a) Zenani's home
 - b) Amphitheater formed by Union Buildings
 - c) Mr de Klerk's house
 - d) UNO buildings
5. "To say that for destruction ice". "Ice" here refers to ____
 - a) ice in the polar region
 - b) coldness in behaviour
 - c) atomic bomb
 - d) destruction
6. The Crow and Hemlock represent:
 - a) Joy
 - b) Sorrow
 - c) Only bird and tree
 - d) Winter season
7. Where did they get the egg, wine and brandy from?
 - a) From Mrs.Pumphrey
 - b) From Mr.Herriot's clinic
 - c) From Mr.Herriot's friends
 - d) From Tricki
8. How was the meal cooked by the narrator?
 - a) very tasty
 - b) horrible
 - c) delicious
 - d) less tasty
9. Who was the man standing with a pistol?
 - a) The author
 - b) Ausable
 - c) The hotel staff
 - d) Max
10. What resulted in the sneeze?
 - a) The pollen from the flowers
 - b) The dust in the house
 - c) The cigarette that was smoked by the lady
 - d) Horaces allergic condition
11. How did he become invisible?
 - a) by some injection
 - b) by taking some rare drugs
 - c) by removing his coat
 - d) by wearing a dress
12. To shed Crocodile tears means _____.
 - a) to make a Crocodile weep
 - b) to weep with a crocodile
 - c) to show or express a false/fake concern
 - d) All of the above
13. The difference between two numbers is 26 and one number is three times the other number. Find them.
 - a) 39,13
 - b) 30,10
 - c)40,14
 - d)30,40
14. If 3 is a solution of $3x^2 + (k-1)x+9=0$, then $k= ?$
 - a)11
 - b)-11
 - c)13
 - d)-13
15. n^{th} term of a sequence is $a+nb$. Find a_4-a_3 .
 - a) a
 - b) b
 - c) a+b
 - d) 2b
16. If $\Delta ABC \sim \Delta PQR$, Perimeter of $\Delta ABC= 20\text{cm}$, Perimeter of $\Delta PQR = 40\text{cm}$ and $PR = 8\text{cm}$, then the length of AC is _____.
 - a) 8cm
 - b) 6cm
 - c) 4cm
 - d) 5cm
17. The distance between the points (0, 3) and (-2,0) is _____.
 - a) $\sqrt{14}$
 - b) $\sqrt{15}$
 - c) $\sqrt{13}$
 - d) $\sqrt{5}$
18. The maximum value of $\sin \theta$ is _____.
 - a) $\frac{1}{2}$
 - b) $\frac{\sqrt{3}}{2}$
 - c) 1
 - d) $1/\sqrt{2}$
19. The volumes of two spheres are in the ratio 27:8. The ratio of their curved surface is.
 - a)9:4
 - b)4:9
 - c)3:2
 - d)2:3
20. The total surface area of a solid hemisphere of radius r is _____.
 - a) $4\pi r^2$
 - b) $2\pi r^2$
 - c) $\frac{4}{3}\pi r^3$
 - d) $3\pi r^2$
21. The mean of first n natural numbers is _____.
 - a) $\frac{n+1}{2}$
 - b) $\frac{n(n+1)}{2}$
 - c) $\frac{n(n-1)}{2}$
 - d) n^2
22. The class with maximum frequency is _____.
 - a) median class
 - b) modal class
 - c) mean class
 - d) average class
23. What is the probability that the first snowfall in Srinagar next winter will take place on Sunday?
 - a) $\frac{1}{7}$
 - b) $\frac{2}{7}$
 - c) $\frac{3}{7}$
 - d) $\frac{6}{7}$
24. The standard form of a quadratic equation is _____.
 - a) $ax+b=0$, $a \neq 0$
 - b) $ax^2+bx+c=0$, $a \neq 0$
 - c) $ax^3+bx^2+cx+d=0$, $a \neq 0$
 - d) $ax^4+bx^3+cx^2+dx+e=0$, $a \neq 0$
25. Which of the following acid is present in sour milk?
 - a)glycolic acid
 - b)lactic acid
 - c)citric acid
 - d)tartaric acid
26. Antacids contain:
 - a) weak base
 - b) weak acid
 - c) strong base
 - d) strong acid
27. Which of the following gases is called 'Marsh gas'?
 - a) H_2
 - b) CH_4
 - c) C_2H_4
 - d) C_2H_2
28. When vanaspati oil reacts with hydrogen then it convert into vanaspati ghee. In this process, catalyst used is :
 - a) Fe
 - b) M_o
 - c) V
 - d) Ni
29. Which mirror is to be used to obtain parallel beam of light from a small bulb?
 - a) concave mirror
 - b) convex mirror
 - c) plane mirror
 - d) none of these
30. What is the maximum resistance which can be made using five resistors each of $1/5 \Omega$?
 - a) $1/5\Omega$
 - b) 10Ω
 - c) 5Ω
 - d) 1Ω
31. What should be the core of an electromagnet?
 - a) soft iron
 - b) hard iron
 - c) rusted iron
 - d) none of these
32. A current of 1A is drawn by a filament of an electric bulb. Numbers of electrons passing through a cross-section of the filament in 16s would be roughly.
 - a) 10^{20}
 - b) 10^{16}
 - c) 10^{18}
 - d) 10^{23}

33. Which of the following structure is involved in gaseous exchange in woody stem of a plant?
 a) stomata b) Lenticel c) Guardcell d) Epidermis
34. Which of the following receptors is incorrectly paired with what it senses?
 a) Chemoreceptors-chemicals b) Photoreceptors -pain c) Thermo receptors -heat
 d) Olfactory receptors-sound
35. In mammals the testes lie in scrotal sacs due to _____
 a) presence of urinary bladder b) long vas-deferens
 c) presence of rectum d) requirement of low temperature for spermatogenesis
36. If two parents have the Genotypes AaXaa, the probability of having an aa genotype in the F₂ generation is _____.
 a) 25 percent b) 50 percent c) 75 percent d) None of the above
37. What were 'canal colonies'? a) large colonies b) sea ports c) Large canals d) Irrigated areas
38. Which food travelled west from China to be called 'Spaghetti'? a)Soya b)Groundnuts c)Potato d)Noodles
39. Why did Sri Lankan Tamils launch parties and struggle?
 a) to adopt majoritarianism
 b) to recognise sinhala as official language
 c) to recognise Tamil as an official language
 d) to dominate other language
40. Which of the following is an example of holding together federation? a)Spain b)Australia c)India d) a&c
41. Bretton woods system was based on which types of rates? a)Fixed b)Floating c)Base d)Inflation
42. Which one of the following method is used to break up the force of wind?
 a) Shelter belt b) Strip cropping c) Contour ploughing d) Terrace farming
43. Since money acts as an intermediate in the exchange process, it is called:
 a) Value for money b) exchange value c) medium of exchange d) none of these
44. Who issues currency notes on behalf of the central government in India?
 a)NABARD b)RBI c)SBI d)Worldbank
45. Who were the 'Sanatanis'? a) Saints b) Dalits c) High-class Hindus d) None of these
46. What did the Rowlatt Act - 1919 presume?
 a) Forced recruitment in the army b) Detention of political prisoners without trial
 c) Forced manual labour d) Equal pay for equal work
47. A debt-trap means _____.
 a) inability to repay credit amount b) ability to pay credit amount
 c) overspending till no money is left d) none of these
48. The chutney music is popular in _____. a) North America b) South America c) India d) Japan

- — छील-छबीने हैं।
 अ) श्रीकृष्ण आ) हरिहर काका इ) महंत ई) बड़े भाई साहब
- — ऋतु में प्रकृति नए-नए रूपों में हमारे सामने आती है।
 अ) ग्रीष्म आ) पावस इ) हेमंत ई) शरद
- — गिरि के गौरव के गुणगान कर रहे थे।
 अ) बादल आ) तालाब इ) शाल वृक्ष ई) झरने
- — का अर्थ है कमखंड के आकार का गोलाईदार उभारवाला।
 अ) मैखलाकार आ) महत्वाकांक्षा इ) इंद्रजाल ई) शुभन
- — के प्रति गाँववालों के मन में अपार श्रद्धा है।
 अ) कथावाचक आ) हरिहर काका इ) ठाकुरबारी ई) तोप
- अपने — को सदा अपने समीप रखो।
 अ) निद्रक आ) रक्षक इ) प्रशंसक ई) मित्र
- कवि ने — की समानता दर्पण के साथ की है।
 अ) झरने आ) अंबर इ) गिरि ई) तालाब
- ईस्ट इंडिया कंपनी ने — चलाई थी।
 अ) तोपें आ) तलवारें इ) गाड़ी ई) सभा
- — जनवरी के दिन भारतीय संविधान लागू हुआ था।
 अ) 15 आ) 31 इ) 26 ई) 14
- यासा गाँव में — का आयोजन हुआ।
 अ) जुलूस आ) नाटक इ) पशु-पर्व ई) युद्ध
- — नेक और मददगार व्यक्ति था।
 अ) महंत आ) ततौरा इ) छोटा भाई ई) पूर्णदास
- 'बैराह चलना' - मुझवै का अर्थ है —
 अ) गलत काम करना आ) सही राह चलना इ) बाल्य आना ई) मेहनत करना

49. முல்லைப்பாட்டின் ஆசிரியர் -----.

அ. பாரதியார் ஆ. பெருஞ்சித்திரனார் இ. நப்பூதனார் ஈ. பெருங்கௌசிகனார்

50. மலைபடுகடாம் ----- நூல்களுள் ஒன்று.

அ. எட்டுத்தொகை ஆ. பத்துப்பாட்டு இ. பதினெண்கீழ்க்கணக்கு ஈ. சிற்றிலக்கியம்

51. உயிரளபெடை ----- வகைப்படும். அ. ஆறு ஆ. மூன்று இ. இரண்டு ஈ. நான்கு

52. அவன், அவள், அது, அவை என்பவை ----- பெயர்கள்.

அ.முன்னிலைப் ஆ.படர்க்கைப் இ.தன்மைப் ஈ. திணைப்

53. தாய் தந்தை என்பது ----- தொகை. அ. வினைத் ஆ. உம்மைத் இ. வேற்றுமைத் ஈ. பண்புத்

54. சந்தக்கவிமணி எனக் குறிப்பிடப்படுபவர்-----.

அ. மாணிக்கம் ஆ.தமிழழகனார் இ.இராமலிங்கர் ஈ. பாரதியார்

55. வழுவமைதி ----- வகைப்படும். அ. மூன்று ஆ. நான்கு இ. ஐந்து ஈ. ஏழு

56. விசம்பு என்பதன் பொருள் ----- . அ. வானம் ஆ. நீர் இ. திணை ஈ. சோறு

57. துடிதுடித்தாள் கவிதா -----

.அ. இரட்டைக்கிளவி ஆ. அடுக்குத்தொடர் இ. உம்மைத்தொடர் ஈ. வேற்றுமைத்தொடர்

58. குறிப்பு விடை ----- .அ. இனமொழிவிடை ஆ. நேர்விடை இ. சுட்டுவிடை ஈ. மறைவிடை

59. பொருள்கோள் ----- வகைப்படும். அ. மூன்று ஆ. ஐந்து இ. எண் ஈ. அறு

60. செங்காந்தள் -----.

அ. வினைத்தொகை ஆ. பண்புத்தொகை இ. வேற்றுமைத்தொகை ஈ. உவமைத்தொகை.