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2. Who is Rama Rao in Rangas marriage? (Ratna's Uncle)

3. Who is Shyama in Rangas marriage? (Narrator of the story)

4. What name did Ranga and Ratna give to their child? ('Shyama')

5. Why did Ranga fall in love with Ratna? (Mesmerised by the voice and beauty of Ratna)

6. What role did Shastri play Ranga's marriage? (The Village astrologer)

7. Who is Ratna? (The nice of Rama Rao)

8. What is the theme of the story Ranga's marriage?
(The conflict between tradition and modernity)

9. What kind of a bride was Ranga looking for? (Ranga was looking for a bride who is mature)

10. The story 'Ranga's marriage' dates back to the early days of ----- (British rule)

11. In a non-leap year, the probability of having 53 Tuesday or 53 Wednesday is -----(1/7)

12. If A and B are mutually exclusive events, then $P(A)$ is -----
(Less than or equal to $P(\bar{B})$)
13. If $S = \{1,2,3,4,5,6\}$ and $E = \{1,3,5\}$, then \bar{E} is ----- (2,4,6)
14. No chance of happening is ----- (0)
15. Name the types of experiments. (Deterministic and Random experiment)
16. Total number of types of events are ----- (Seven)
17. Mention equivalent sets for atleast one of A,B or C is ----- ($A \cup B \cup C$)
18. Any subset 'E' of a sample space 'S' is called an ----- (Event)
19. Mention the total number of sample space if four coins are tossed simultaneously (16)
20. A die is thrown repeatedly until a six comes up. What is the sample space for this experiment. (∞ Values)
21. The compounds that are oxidised during respiration process are called as -----
(Respiratory Substrate)

22. What is used for exchange of gases in plants? (Stomata and lenticels)
23. Complete the reaction ----- + $6O_2 \rightarrow 6CO_2 + 6H_2O + \text{Energy}$. ($C_6H_{12}O_6$ [glucose])
24. The breakdown of glucose to pyruvic acid is called as ----- (Glycolysis)
25. How many ATP are formed in glycolysis? (2)
26. Where does aerobic respiration takes place in a cell? (Mitochondria)
27. ----- process leads to complete oxidation of organic substances. (Aerobic respiration)
28. What is the full form of GTP? (Guanosine Triphosphate)
29. ----- refers to cytochrome c in ETS . (Complex IV)
30. What is the meaning of glycolysis? (Glycos-sugar, lysis-splitting)
31. What is an isolated system? (Thermoflask or closed insulated vessel)
32. What are state variables (or) State functions?
(Pressure, Volume, Temperature, Amount, etc.)

33. What is an adiabatic process?
(There is no transfer of heat between the system and surroundings)
34. Give the equation for enthalpy change at constant pressure. $(\Delta H = \Delta U + P\Delta V)$
35. What are extensive properties?
(Mass, Volume, Internal energy, Enthalpy, Heat capacity, etc)
36. What is meant by entropy?
(Entropy is a measure of the degree of randomness or disorder in the system)
37. Given the expression for the entropy change of a reversible process. $(\Delta S_{\text{sys}} = \frac{q_{\text{sys,rev}}}{T})$
38. Given the equation for Gibbs energy change in a system. $(\Delta G = \Delta H - T\Delta S)$
39. What is calorimetry?
(Measurement of energy changes associated with chemical or physical processes by using calorimeter)
40. When $\Delta S > 0$, the process would be ----- (Spontaneous and +ve)
41. All Oscillatory motions are periodic (True / False) (False)

42. The oscillations in which amplitude decreases gradually with the passage of time are called ----- (Damped Oscillations)

43. A motion which repeats itself after a regular interval of time is called a ----- (Periodic motion)

44. Time period of simple pendulum $T =$ ----- $(2\pi\sqrt{l/g})$

45. What is the force equation of a simple Harmonic Motion? $(F = -kx)$

46. Quick Oscillation is called as ----- (Vibration)

47. Angular frequency of a body executing periodic motion $\omega =$ $(2\pi/T)$

48. When a body oscillates with the help of an external periodic force is called ----- (Forced Oscillations)

49. Frequency related to damped oscillations is ----- (Natural frequency)

50. The displacement of a particle executing simple harmonic motion is expressed as ----- $(y = a \sin \omega t)$

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11. Which of the following is not an advantage of exporting?
(Easier way to enter into international markets)

12. Which of the following do not form part of duty drawback scheme?
[Refund of income dock charges at the port of shipment]
13. TRIP is one of the WTO agreements that deal with: [Trade related investment measures]
14. In order to know whether the goods which an importer wishes to import are subject to import licensing or not, he needs to consult [EXIM policy]
15. Negotiation of documents is done with the bank of [Exporter]
16. The basic problem faced by those engaged in International trade is 'different countries have different currencies'. In order to resolve this issue; which currency is considered as the most popular currency in International Trade? [U.S Dollars]
17. One of the objectives of world Trade organisation is to raise the standard of living and income of the people of member nations. WTO has helped India in achieving this by [Boosting exports]
18. The refund of excise duty is known as [Duty drawback]
19. State Trading Organisation (STC) was set up in ----- [May 1956]
20. ----- is a type of bill of exchange where in the drawer of the bill of exchange instructs the bank to hand over the relevant documents to the importer only against acceptance of the bill of exchange.
[Usance draft]

21. Which of the following statement is correct in case of non-viable industry?
[Supply curve lies above the demand curve]
22. If increase in demand is greater than the increase in supply, then the equilibrium price:
[Increases]
23. Suppose consumer taste shifts in favour of apples. As a result, equilibrium quantity will ----- and equilibrium price will -----
[Increase, Increase]
24. Maximum price ceiling leads to a situation of -----
[Excess demand]
25. Which of the following is not the feature of monopoly market?
[Large number of buyers and sellers]
26. Each firm is a ----- and Industry is the -----
[Price takes, price makes]
27. If market demand function is given as $Q_{MD} = 25 - 2P$ and market supply as $Q_{MS} = 3P$, then what will be the equilibrium Price.
[₹5]
28. Equilibrium price is determined when: -----
[Market Demand and market supply are equal]
29. In a commodity market, excess demand exists when: -----
(Equilibrium price is greater than market price)

30. Price Floor is the price fixed by the government, Which is : (Above the Equilibrium price)
31. ----- is a self-replicating program which eats up the entire disk space or memory. (Worms)
32. What refers to the sending of bulk-mail by an identified or unidentified source? (Spamming)
33. Unauthorised monitoring of other people's communications is called as ----- (Eavesdropping)
34. In which threat a hacker attempts to redirect a website's traffic to another, bogus website?
(Pharming)
35. ----- and ----- are the two ways of solutions to computer security threats.
(Active protection and Preventive measures)
36. The specially formatted digital information issued to website, which are used to verify the identity of the message sender are called as -----
(Digital Certificates)
37. The method which is used to filters out email messages that contain certain keywords or phrases is called as -----
(Keyword filtering method)
38. ----- is a software which is used to block access from outside and to prevent data being sent out in some cases.
(Fire walls)
39. ----- is the criminally fraudulent process of attempting to acquire sensitive information pertaining to a user.
(Phishing)

40. ----- is a program that appears harmless but actually performs malicious functions such as deleting or damaging files. (Trojan horse)
41. Incomplete records are generally maintained by ----- (Small sized sole trader business)
42. Opening statement of affairs is usually prepared to find out the (Capital in the beginning of the year)
43. The excess of assets over liabilities is ----- (Capital)
44. The amount of credit sales can be computed from ----- (Total debtors account)
45. When capital in the beginning is ₹10,000 , drawing s during the year is ₹6,000, profit made during the year is ₹2,000 and the additional capital introduced is ₹3,000. Find out the amount of capital at the end. (₹9,000)
46. Opening balance of debtors ₹30,000 cash received ₹1,00,000, credit sales ₹90,000, closing balance of debtors is ----- (₹20,000)
47. Bills payable account are to be prepared to find out the balances of (Sundry creditors or Bills payable accepted)
48. The final step is to prepare trading and profit and loss account and ----- (Balance sheet)
49. Capital = Asset - ----- (Liabilities)
50. Statement of affairs resembles a ----- (Balance sheet)

