# ATOMIC ENERGY CENTRAL SCHOOL NO.2, MUMBAI MULTIPLE CHOICE QUESTION EXAMINATION - 6 (MCQ-6) <br> CLASS VIII (31.01.2024) 

Time: 3 hours
Maximum Marks : 120

|  | Attempt all questions. Each question carries 1 mark. |
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| 1 | Find C.I .on Rs 16,000 for 2years at15\% per annum compounded annually. <br> a) Rs 5,160 <br> b) None of these <br> c) Rs 5,600 <br> d) Rs 6,000 |
| 2 | $40 \%$ of [100-20\% of 300] is equal to <br> a) 64 <br> b) 16 <br> c) 20 <br> d) 140 |
| 3 | Find the ratio of 5 km to 10 m . <br> a) $1: 500$ <br> b) $20: 1$ <br> c) $500: 1$ <br> d) $1: 20$ |
| 4 | If $12.5 \%$ of $192=50 \%$ of $x$, then $x=$ <br> a) 48 <br> b) 45 <br> c) 25 <br> d) 92 |
| 5 | The population of a village increases @ 5\% p.a. If present population is 8000 , after how many years the population will be 9261 ? <br> a) $3 \frac{1}{2}$ years <br> b) 2 years <br> c) 4 years <br> d) 3 years |
| 6 | Mohanbuys a bike at $20 \%$ discount of its value and sells it for $20 \%$ more than its value. What will be his profit percentage? <br> a) $40 \%$ <br> b) $20 \%$ <br> c) $50 \%$ <br> d) $66 \frac{2}{3} \%$ |
| 7 | A shirt with marked price Rs 800 was sold at Rs 680 . The rate of discount allowed on the shirt is <br> a) $25 \%$ <br> b) $20 \%$ <br> c) $10 \%$ <br> d) $15 \%$ |
| 8 | A football team won 10 matches out of the total number of matches they played. If their win percentage was 40 , then how many matches did they play in all? <br> a) 30 <br> b) 20 <br> c) 25 <br> d) None of these |
| 9 | Multiply $(\mathrm{a}+7)$ and (b-5). <br> a) ab- <br> $5 a+7 b-35$ <br> b) ab- 35 <br> c) $a b-5 a-35$ <br> d) $a b-5 a+7 b$ |
| 10 | By using identity find $(\mathrm{a}+1)(\mathrm{a}+2)=$ ? <br> a) $a^{2}+5 a+2$ <br> b) $\mathrm{a}^{2}+3 \mathrm{a}+5$ <br> c) $a^{2}+3 a+2$ <br> d) $3 a+2$ |
| 11 | Multiply ( $\mathrm{a}^{2}+2 \mathrm{~b}^{2}$ ) and (5a-3b). <br> a) $5 \mathrm{a}^{3}-3 a^{2} \mathrm{~b}+10 \mathrm{ab}{ }^{2}$ <br> b) $5 a^{3}-3 a^{2} b+10 a b^{2}-6 b^{3}$ <br> c) $5 \mathrm{a}^{3}-3 \mathrm{a}^{2} \mathrm{~b}-6 \mathrm{~b}^{3}$ <br> d) $10 a b^{2}$ |
| 12 | $x(x-3)+2=?$ <br> a) $x^{2}-3 x+2$ <br> b) $x^{2}-2 x+2$ <br> c) $x^{2}-5 x+3$ <br> d) $x^{2}+3 x+5$ |
| 13 | Multiply ( $\mathrm{x}-\mathrm{y}$ ) and ( $3 \mathrm{x}+5 \mathrm{y}$ ). <br> a) $2 x y$ <br> b) $3 x^{2}+2 x y-5 y^{2}$ <br> c) $5 x^{2}+2 x y-5 y^{2}$ <br> d) $3 x^{2}+2 x y-7 y^{2}$ |


| 14 | The product of 4 mn and 0 is |
| :---: | :---: |
|  | $\begin{array}{llll}\text { a) } 0 & \text { b) } 4 \mathrm{mn} & \text { c) } \mathrm{mn} & \text { d) } 1\end{array}$ |
| 15 | Evaluate using suitable identities. $497 \times 505$ <br> a) 259085 <br> b) 250998 <br> c) 250190 <br> d) 250985 |
| 16 | The volume of a cuboid of dimensions $a, b, c$ is <br> a) abc <br> b) $a^{2} b^{2} c^{2}$ <br> c) $a^{3} b^{3} c^{3}$ <br> d) none of these |
| 17 | The surface area of a cube is 486 sq m , then its volume is <br> a) $879 \mathrm{~m}^{3}$ <br> b) $625 \mathrm{~m}^{3}$ <br> c) $781 \mathrm{~m}^{3}$ <br> d) $729 \mathrm{~m}^{3}$ |
| 18 | The length of a cube is double than the other cube. The ratio between volumes of both, cubes is - <br> a) $4: 1$ <br> b) $1: 1$ <br> c) $2: 1$ <br> d) $8: 1$ |
| 19 | Two cubes have volumes in the ratio $1: 64$. The ratio of the areas of a face of the first cube to that of the other is <br> a) $1: 4$ <br> b) $1: 16$ <br> c) $1: 8$ <br> d) $1: 32$ |
| 20 | The total surface area of a right circular cylinder whose height is 15 cm and the radius of the base is 7 cm , is <br> a) $1860 \mathrm{~cm}^{2}$ <br> b) $2310 \mathrm{~cm}^{2}$ <br> c) $968 \mathrm{~cm}^{2}$ <br> d) $488 \mathrm{~cm}^{2}$ |
| 21 | A right circular cylinder and a right circular cone have equal bases and equal heights. If their curved surface areas are in the ratio $8: 5$, what is the ratio of their base to their heights? <br> a) $6: 7$ <br> b) $3: 4$ <br> c) $5: 4$ <br> d) $9: 8$ |
| 22 | What is the surface area of the drawing box, if its length is 16 cm , width 6 cm , and height 3 cm ? <br> a) $162 \mathrm{~cm}^{2}$ <br> b) $25 \mathrm{~cm}^{2}$ <br> c) $200 \mathrm{~cm}^{2}$ <br> d) $324 \mathrm{~cm}^{2}$ |
| 23 | A water tank whose dimensions are $1.5 \mathrm{~m}, 0.75 \mathrm{~m}$ and 0.48 m is full. Its contents are emptied into another empty tank whose base area is $1 \mathrm{~m}^{2}$. How much the water level shall rise? <br> a) 0.34 m <br> b) 64 m <br> c) 5.4 m <br> d) 0.54 m |
| 24 | What is the surface area of a book13 cmlong, 10 cm wide, and 3 cm high? <br> a) $320 \mathrm{~cm}^{2}$ <br> b) $529 \mathrm{~m}^{2}$ <br> c) $160 \mathrm{~cm}^{2}$ <br> d) $398 \mathrm{~cm}^{2}$ |
| 25 | The value of $\frac{6^{12} \times(35)^{28} \times(15)^{16}}{(14)^{12} \times(21)^{11} \times 5^{28}} \quad$ is $\qquad$ <br> a) $3^{17} \times 5^{16} \times 7^{5}$ <br> b) $2^{7} \times 3^{17} \times 7^{5}$ c) $2^{6} \times 5^{16} \times 7^{12}$ <br> d) $2^{6} \times 31^{16} \times 5^{12}$ |
| 26 | Which one among the following is the greatest? $5^{-4}, 2^{-4}, 3^{-4}, 4^{-4}, 6^{-4}$ <br> a) $2^{-4}$ <br> b) $5^{-4}$ <br> c) $6^{-4}$ <br> d) $4^{-4}$ |
| 27 | Find the value of $\left[\left(\frac{-2}{3}\right)^{-2}\right]^{1}$. <br> a) $\frac{7}{4}$ <br> b) $\frac{9}{4}$ <br> c) $\frac{3}{4}$ <br> d) $\frac{5}{4}$ |


| 28 | The value of $\frac{(81)^{\frac{1}{3}} \times(576)^{\frac{1}{3}}}{(64)^{\frac{2}{3}} \times(27)^{\frac{2}{3}}}$ is <br> a) $\frac{3}{8}$ <br> b) $\frac{1}{4}$ <br> c) $\frac{3}{4}$ <br> d) $\frac{5}{8}$ |
| :---: | :---: |
| 29 | The multiplicative inverse of $10^{-100}$ is <br> a) $10^{-100}$ <br> b) 10 <br> c) 100 <br> d) $10^{100}$ |
| 30 | Expand 1025.63 using exponents. <br> a) $1 \times 10^{3}+0 \times 10^{1}+5 \times 10^{0}+6 \times 10^{-1}+3 \times 10^{-3}$ <br> b) $1 \times 10^{3}+0 \times 10^{2}+2 \times 10^{1}+5 \times 10^{0}+6 \times 10^{-1}+3 \times 10^{-2}$ <br> c) $1 \times 10^{3}+0 \times 10^{2}+2 \times 10^{1}+5 \times 10^{0}+6 \times 10^{-1}+3 \times 10^{-3}$ <br> d) $1 \times 10^{4}+0 \times 10^{3}+2 \times 10^{2}+5 \times 10^{1}+6 \times 10^{0}+3 \times 10^{-1}$ |
| 31 | The standard form of 0.0000078 is <br> a) $78 \times 10^{6}$ <br> b) $7.8 \times 10^{-6}$ <br> c) $78 \times 10^{5}$ <br> d) $78 \times 10^{-5}$ |
| 32 | Simplify: $\left[\left\{\left(\frac{-1}{5}\right)^{-2}\right\}^{2}\right]^{-1}$ <br> a) $\frac{5}{625}$ <br> b) $\frac{1}{652}$ <br> c) $\frac{1}{625}$ <br> d) $\frac{-1}{625}$ |
| 33 | Factorise: $x^{2}+\frac{4}{x^{2}}-4$ <br> a) $\left(x-\frac{2}{x}\right)\left(x-\frac{2}{x}\right)$ <br> b) $\left(x+\frac{2}{x}+2\right)\left(x+\frac{2}{x}-2\right)$ <br> c) $\left(x-\frac{2}{x}\right)\left(x+\frac{2}{x}\right)$ <br> d) $\left(x+\frac{2}{x}\right)\left(x+\frac{2}{x}\right)$ |
| 34 | Factorise: $\mathrm{x}^{2}-2 \mathrm{x}-3 \mathrm{x}+6$ <br> a) $(x-3)$ <br> b) None of these <br> c) $(x-3)(x-2)$ <br> d) $(x-2)$ |
| 35 | The factorisation of $x^{2}+x+x y+y+z x+z$ is. <br> a) $(x+y+z)(z+x)$ <br> b) $(x+y+z)(x+y)$ <br> c) $(x+y+z)(y+z)$ <br> d) $(x+y+z)(x+1)$ |
| 36 | Factorise: $36 y^{2}-36 y+9$ <br> a) $9(2 y-1)^{2}$ <br> b) 9 <br> c) None of these <br> d) $(2 y-1)^{2}$ |
| 37 | Factors of $2 \mathrm{a}(\mathrm{x}-\mathrm{y})+3 \mathrm{~b}(5 \mathrm{x}-5 \mathrm{y})+4 \mathrm{c}(2 \mathrm{y}-2 \mathrm{x})$ <br> a) $(x-y)(2 a+15 b-8 c)$ <br> b) $(x-y)(2 a-15 b-9 c)$ <br> c) $(x+y)(2 a+15 b-8 c)$ <br> d) $(x+y)(2 a+15 b+3 c)$ |
| 38 | Factorise: $4 y^{2}-12 y+9$ <br> a) (5y - <br> $3)^{2}$ <br> b) $(7 y-5)^{2}$ <br> c) $(2 y-3)^{2}$ <br> d) $(2 y-5)^{2}$ |
| 39 | Divide as directed: $4 y z\left(z^{2}+6 z-16\right) \div 2 y(z+8)$ <br> a) 2 z <br> b) $2 z(z-2)$ <br> c) $(z-2)$ <br> d) None of these |
| 40 | Factorise: $169 a^{2}-144 b^{2}$ <br> a) $(13 a+12 b)$ <br> b) $(13 a-12 b)$ <br> c) None of these d) $(13 a+12 b)(13 a-12 b)$ |
| 41 | Which of the following group contain only conductor? |


|  | a) copper, graphite, silver <br> c) rubber, copper, silver <br> b ) copper, woollen cloth, graphite <br> d) sea water, tap water, distilled water |
| :---: | :---: |
| 42 | Two similar charges are brought close to each other, then they will <br> a) Attract each other <br> b) Neither attract nor repel <br> c) Repel each other <br> d) All of these |
| 43 | During electrolytic refining of copper, $\mathrm{H}_{2} \mathrm{SO}_{4}$ acid is added to aqueous $\mathrm{CuSO}_{4}$ to <br> a) Increase melting point <br> b) Increase conductivity <br> c) Decrease conductivity <br> d) Decrease melting point |
| 44 | The electrode connected to negative terminal is called <br> a) Anode <br> b) Cathode <br> c) Electrode <br> d) Cations |
| 45 | Which of the following metals is not used in the process of electroplating? <br> a) Chromium <br> b) Nickel <br> c) Gold <br> d) None of these |
| 46 | If plus sign (+) denotes the positive electrode and minus sign ( - ) denotes the negative electrode, then which of the following statement is correct for an iron spoon to be copper plated? <br> a) Iron spoon ( - ), copper (+), Iron sulphate electrolyte <br> b) Iron spoon (+), copper plate ( - ), Iron sulphate electrolyte <br> c) Copper plate (+), Iron spoon (-), Copper sulphate electrolyte <br> d) Copper plate ( - ), Iron spoon (+), Copper sulphate electrolyte |
| 47 | $\qquad$ of the following is not good conductor of electricity. <br> a) Tap water <br> b) Vegetable oil <br> c) Vinegar <br> d) Lemon juice |
| 48 | Which of the following is not used as electrodes in electrolysis? <br> a) Graphite <br> b) Copper <br> c) Carbon <br> d) Glass |
| 49 | We should not use electric supply from mains or generator to experiment because <br> a)May cause electric shocks <br> b)High voltage is not suitable <br> c)Energy is not sufficient <br> d)Flow of current cannot be measured |
| 50 | Which of the following could happen, if air and cloud were good conductors of electricity? <br> a) A lightning could not occur at all b) A lightning with thunder could occur <br> c) A lightning could occur with high intensity <br> d) A lightning could occur with low intensity |
| 51 | Match column I with column II and select the correct option from the given codes <br> a) P - <br> (i), Q - <br> (iii), R - <br> (ii) <br> b) P- <br> (ii), Q - (iii), R - <br> (i) |


|  | c) P- (iii), Q - (i), R - (ii) d) P - (i), Q - (ii), R - (iii) |
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| 52 | When LED is connected to a circuit the shorter wire is connected to <br> a) Any one of the terminals <br> b) Negative terminals <br> c) Positive terminals <br> d) Neutral terminals |
| 53 | Chemical effects of an electric current includes <br> i. Deposits of metal on electrodes <br> ii. deflection of compass needle <br> iii. change of colour of solution <br> iv. formation of air bubbles on electrodes <br> a) (i), (iii) and (iv) b) (i) and (ii) c) (i), (ii), (iii) and (iv) <br> d) (ii) and (iv) |
| 54 | Which one does not involve chemical effectof electric current? <br> a) Electrolysis of acidified water <br> b) Electrotyping <br> c) Movement of needle of magnet compass when placed near an electric wire carrying current <br> d) Electroplating |
| 55 | Boojho and Paheli performed experiments taking similar bulbs and cells but two different solutions A and B as shown in figure. <br> They found that the bulb in the setup A glows more brightly as compared to that of the setup B. You would conclude that <br> a) higher current is flowing through the circuit in setup $A$. <br> b) higher current is flowing through the circuit in setup B. <br> c) equal current is flowing through both the circuits. <br> d) the current flowing through the circuits in the two setups cannot be compared in this manner. |
| 56 | While checking your tester, do not join its free ends for more than a few seconds otherwise <br> a) Cells of the battery heat faster <br> b) Cells of the battery drain very quickly <br> c) Bulb of the tester get fused <br> d) Conductors get heated |
| 57 | The two leads of LED are of <br> a) Equal length |


|  | b) Unequal length <br> c) Joined together <br> d) Different Material |
| :---: | :---: |
| 58 | The chemical effect produced by an electric current depends on <br> a) Conducting solution <br> b) Electrode <br> c) Time of current passing <br> d) Nature of electrode |
| 59 | Which of the following statements are correct? <br> i. The object to be electroplated is taken as anode electrode. <br> ii. Small amount of a mineral salt present naturally in water makes it a conductor of electricity. <br> iii. Electroplating of chromium is done on objects like water taps and cycle bells to give them a shiny appearance. <br> iv. An electric current can produce chemical and heating effects but cannot produce magnetic effect. <br> a) (ii) and (iii) <br> b) (i) and (ii) <br> c) (i), (ii) and (iv) <br> d) (ii), (iii) and (iv) |
| 60 | Lemon juice is good conductor of electricity due to <br> a) Presence of free electron <br> b) Presence of common salt <br> c) Presence of citric acid <br> d) Absence of electron drawing agent |
| 61 | An object becomes charged when the atoms in the object gain or lose <br> a) Proton <br> b) Neutron <br> c) Positron <br> d) Electron |
| 62 | An electroscope is a device that is used to find if an object is <br> a) Charged <br> b) free of cracks <br> c) magnetic <br> d) hot |
| 63 | To protect tall building from the damage of lightning, what should be done? <br> a) Have a roof top garden with tall tree b) Installing antenna at roof - top <br> c) Installing a large dish antenna <br> d) Install lightning conductor |
| 64 | Earthing is the process of transferring charge from charged object to <br> a) Earth <br> b) opposite charge <br> c) water <br> d) neutral |
| 65 | An earthquake of magnitude 6 on Richter scale is how many times more destructive than an earthquake of magnitude 4 ? <br> a) 1000 <br> b) 2000 <br> c) 100 <br> d) 1500 |
| 66 | In India the area most threatened by earthquake is <br> a) Rajasthan <br> b) Kashmir <br> c) Central Himalayas <br> d) All of these |
| 67 | Which of the following is the best safety measure during heavy lightning? <br> a) Staying indoors, away from metallic doors or windows <br> b) Going into the nearest water body <br> c) Standing under a tall tree <br> d) Lying on the ground in an open area |
| 68 | Match column I with column II and select the correct option from given |



|  | c)charging of clouds d)pollution of air |
| :---: | :---: |
| 77 | Lightning is seen little earlier than thunder sound because <br> a)Light travels faster than sound <br> b)Light moves slower than sound <br> c)Light requires medium for propagation <br> d)Sound requires medium for propagation |
| 78 | An earthquake is originated from the $\qquad$ <br> a) epicenter <br> b) focus <br> c) crust <br> d) mantle |
| 79 | Which of the following is responsible for earthquake? <br> a) Volcanic eruption <br> b) Underground nuclear explosion <br> c) Shift in the position of plates that form the crust of our planet <br> d) All of these |
| 80 | Seismograph is an instrument used to record <br> a)Vibration of earthquake b)Temperature c)Lightening d)Strength of wind |
| 81 | Name the person who started schools for Muslim girls in Patna and Calcutta and encouraged education for Muslim girls. <br> a) Rashsundari Debi <br> b) Begum Rokeya Sakhawat Hossain <br> c) Rama Bai Ranade <br> d) Mumtaz Ali |
| 82 | Who was the important reformer who reinterpreted verses from the Koran to argue for women's education? <br> a) Mumtaz Ali <br> b) Sarojini Naidu <br> c) Annie Besant <br> d) Rashsundari Debi |
| 83 | Why did Dr. B R Ambedkar lead three temple entry movements between 1927 and 1935? <br> A. Dr. B R Ambedkar felt humiliated when he led the first movement. <br> B. Dr. Ambedkar himself was from a Dalit. <br> C. Dr. B R Ambedkar wanted to make everyone see the power of caste prejudices within society. <br> D. Dr. Ambedkar wanted to study about these movements. <br> a) Only D <br> b) Only B <br> c) Only A <br> d) Only C |
| 84 | Inspired by the Brahmo Samaj, in Madras in 1864 another movement worked to abolish caste distinction and promote widow remarriage and women's education. Name this. <br> a)Ramakrishna Mission <br> b)Prarthana Samaj <br> c)Brahmo Samaj II <br> d) Veda Samaj |
| 85 | The practice of Sati was banned in the year <br> a) 1829 <br> b) 1800 <br> c) 1827 <br> d) 1821 |
| 86 | Who from Bhopal, from the early $20^{\text {th }}$ century, played a notable role in promoting education among women and founded a primary school for girls? |


|  | a) Begums of Bhopal <br> b) Government of Bhopal <br> c) Tribals of Bhopal <br> d) British Resident |
| :---: | :---: |
| 87 | In which language women of the aristocratic Muslim households of North India learned to read and write the Koran? <br> a) Hindi <br> b) Arabic <br> c) Persian <br> d) English |
| 88 | Periyar founded $\qquad$ <br> a) Temple Entry Movement <br> b) Self Respect Movement <br> c) Paramhans Mandali <br> d) Dalit Movement |
| 89 | Pick out the important event that happened on 14-15 August 1947 at Red Fort, New Delhi. <br> A. The National Flag was hoisted at Red Fort by Jawahar Lal Nehru. <br> B. Mahatma Gandhi ji was declared the Father of Nation. <br> C. Mahatma Gandhiji introduced ahimsa and non - violence to fight against the British. <br> D. The Indian Constitution was framed by Dr. B R Ambedkar. <br> a) Only B <br> b) Only A <br> c) Only D <br> d) Only C |
| 90 | Name the important personality who renounced his knighthood expressing pain and anger of the country over the Jalianwallah massacre. <br> a)Motilal Nehru <br> b)Mahatma Gandhi <br> c) Sarojini Naidu <br> d)Rabindranath Tagore |
| 91 | Pick out the date on which Clement Atlee made an important announcement that the British would completely transfer power to the Indians by June 1948. <br> a) On 20 February 1947 <br> b) On 20 February 1950 <br> c) On 20 April 1949 <br> d) On 20 March 1948 |
| 92 | Who were the important people behind the organization of the Home Rule Movement in 1916? <br> a) Mohammed Ali Jinnah and Maulana Abul Kalam Azad <br> b) Bipin Chandra Pal and Aurobindo Ghosh <br> c) Annie Besant and Bal Gangadhar Tilak <br> d) Lala Lajpat Rai and Surendranath Banerjee |
| 93 | Pick out from the following dates on which Mohammed Ali Jinnah decided to launch Direct Action Day. <br> a) On 16th August 1946 <br> b) On 16th August 1947 <br> c) On 16th August 1948 <br> d) On 16th August 1944 |
| 94 | Choose the correct year in which the Cripps Mission was sent to India to secure India's cooperation in the Second World war. <br> a) 1952 <br> b) 1942 <br> c) 1953 <br> d) 1948 |
| 95 | From the list of dates given below, which day did Gandhiji call upon all Indians to observe as the Satyagraha Day or national Humiliation Day in |


|  | protest against the Rowlatt Act. <br> a)6 April 1927 <br> b) 6 April 1919 <br> c) 6 April 1925 <br> d)6 April 1930 |
| :---: | :---: |
| 96 | Name the important General who blocked the only exit and ordered to fire at the people assembled in Jalianwala Bagh. <br> a) General Andrews b) General Charles c)General Dyer d) General Michael |
| 97 | Name the largest producer of steel in the world. <br> a) USA <br> b) India <br> c) Germany <br> d) China |
| 98 | From where does the iron ore come to Pittsburgh? <br> a) Washington <br> b) Florida <br> c) Minnesota <br> d) Silicon Valley |
| 99 | Which one among the following is an important industrial region of South India? <br> a) Ahmedabad - Vadodara region <br> b) Bangalore - Tamil Nadu region <br> c) Damodar Valley belt <br> d) Delhi - Gurgaon - Meerut region |
| 100 | What process does the iron ore undergo in a blast furnace? <br> a) Smelting <br> b) Refining <br> c) Extraction <br> d) None of these |
| 101 | Emerging industries can also be named as: <br> a) Sunrise industries <br> b) Evolving industries <br> c) Sunshine industries <br> d) Bright industries |
| 102 | Name the important Western industrial region in India. <br> a) Delhi - Gurgaon - Meerut region <br> b) Ahmedabad - Vadodara region <br> c) Damodar Valley belt <br> d) Chottanagpur belt |
| 103 | Many countries have a hub of the Textile industry. From the list given below, choose the country that does not have a textile industry? <br> a) Japan <br> b) Germany <br> c) India <br> d) Taiwan |
| 104 | Which industry is considered as the key or basic industry? <br> a) Information Technology <br> b) Iron and Steel Industry <br> c) Textile Industry <br> d) Cement Industry |
| 105 | Name the ultimate resource on the earth. <br> a) Capital <br> b) Human Beings <br> c) Land <br> d) Minerals |
| 106 | The areas which usually enjoy an equable climate, adequate rainfall, where the land is flat and the soil is fertile are referred to as: <br> a) Thickly populated regions <br> b) Meagerly populated regions <br> c) Sparsely populated regions <br> d) Moderately populated regions |
| 107 | Population density refers to: <br> A. the number of people living per square unit of area. <br> B. the number of skilled people in a country. <br> C. the way in which people are spread across the earth's surface. <br> D. the number of unskilled people in a country. <br> a) Only B <br> b) Only A <br> c) Only C <br> d) Only D |


| 108 | If the birth rate is high and the death rate is low in a country then the population pyramid will: <br> a) narrow at the base <br> b) not narrow at the base <br> c) not narrow rapidly towards the top <br> d) narrow rapidly towards the top |
| :---: | :---: |
| 109 | This is an example of aplace where religious or cultural activities tend to attract more people. <br> a) Jerusalem <br> b) Mumbai <br> c) Sahara <br> d) Osaka |
| 110 | What does the term population distribution refer to? <br> A. How the population in a specified area changes over time. <br> B. The number of people who die in relation to the number of people born in a specified area. <br> C. The way in which people are spread across a given area. <br> a) None of these <br> b) Only A <br> c) Only C <br> d) Only B |
|  | Cite an example from the following which shows that people usually avoid extreme climates. <br> a) Nile in Egypt b) Polar regions of Russia c) Jerusalem d) Vatican City |
| 11 | Human resources differ from one another in respect of <br> a) educational level <br> b) All of these <br> c) age <br> d) $\operatorname{sex}$ |
| 113 | When was the Employment of Manual Scavengers and Construction of Dry Latrines (Prohibition) Act passed? <br> a) 1970 <br> b) 1989 <br> c) 1993 <br> d) 1980 |
| 114 | When was the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act passed? <br> a) 2006 <br> b) 1993 <br> c) 2001 <br> d) 1989 |
| 115 | $\qquad$ a social boycott of an individual and his family. <br> a) Ostracise <br> b) Policy <br> c) Mainstream <br> d) Disposed |
|  | The Scheduled Castes and the Scheduled Tribes (Prevention of Atrocities) Act. <br> a) 1985 <br> b) 1999 <br> c) 1989 <br> d) 1987 |
| 117 | In which year, the government passed the Employment of Manual Scavengers and Construction of Dry Latrines (Prohibition) Act. <br> a) 1994 <br> b) 1995 <br> c) 1993 <br> d) 1992 |
| 11 | Which of the following is a marginalised group in our Indian society? <br> a) Children <br> b) None of these <br> c) Women <br> d) Men |
| 119 | A group that can express themselves and their views strongly are called: <br> a) Assertive <br> b) Volatile <br> c) Morally reprehensible <br> d) Policy |
| 12 | Who among the following is an Adivasi activist? <br> a) Rathnam <br> b) Chokhamela <br> c) C K Janu <br> d) Kabir |

Answer Key

| Q NO | OPTION | Q NO | OPTION | Q NO | OPTION |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | C | 41 | A | 81 | B |
| 2 | B | 42 | C | 82 | A |
| 3 | C | 43 | B | 83 | D |
| 4 | A | 44 | B | 84 | D |
| 5 | D | 45 | D | 85 | A |
| 6 | C | 46 | C | 86 | A |
| 7 | D | 47 | B | 87 | B |
| 8 | C | 48 | D | 88 | B |
| 9 | A | 49 | A | 89 | B |
| 10 | C | 50 | A | 90 | D |
| 11 | B | 51 | B | 91 | A |
| 12 | A | 52 | B | 92 | C |
| 13 | B | 53 | A | 93 | A |
| 14 | A | 54 | C | 94 | B |
| 15 | D | 55 | A | 95 | B |
| 16 | A | 56 | B | 96 | C |
| 17 | D | 57 | B | 97 | D |
| 18 | D | 58 | A | 98 | C |
| 19 | B | 59 | A | 99 | B |
| 20 | C | 60 | A | 100 | A |
| 21 | B | 61 | D | 101 | A |
| 22 | D | 62 | A | 102 | B |
| 23 | D | 63 | D | 103 | D |
| 24 | D | 64 | A | 104 | B |
| 25 | A | 65 | B | 105 | B |
| 26 | A | 66 | D | 106 | A |
| 27 | B | 67 | A | 107 | B |
| 28 | B | 68 | D | 108 | D |
| 29 | D | 69 | A | 109 | C |
| 30 | B | 70 | C | 110 | C |
| 31 | B | 71 | B | 111 | C |
| 32 | C | 72 | B | 112 | B |
| 33 | A | 73 | B | 113 | C |
| 34 | C | 74 | D | 114 | A |
| 35 | D | 75 | B | 115 | A |
| 36 | A | 76 | A | 116 | C |
| 37 | A | 77 | A | 117 | C |
| 38 | C | 78 | B | 118 | C |
| 39 | B | 79 | D | 119 | A |
| 40 | D | 80 | A | 120 | C |

