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# **IFFCO AGT**

**Memory Based Paper**

**2020**



**Q.1 In case of degraded alkali soil, the leaching of saline-sodic soil occurs and part of exchangeable Na is frequently replaced by\_\_\_\_\_?**

- A.  $\text{Ca}^{++}$**
- B.  $\text{Mg}^{++}$**
- C.  $\text{H}^{+}$**
- D.  $\text{K}^{+}$**

**Q.2 Soils having grey brown upper crust are known as\_\_\_\_\_?**

- A. Saline soil**
- B. Saline alkali soil**
- C. Sodic soil**
- D. Normal soil**

**Q.3 A combination of contouring and crop rotation, in which alternate rows are constructed perpendicular to the direction of wind and water flow, to prevent soil erosion, is called -**

- E. Strip cropping**
- F. Mulching**
- G. Vegetated waterways**
- H. Terracing**

**Q.4 The specific heat of quartz among the different soil constituents is the\_\_\_\_\_?**

- A. Lowest**
- B. Highest**
- C. Similar to other constituents**
- D. Variable**

**Q.5 Moisture content of soil at a point where the soil water mass flows under an applied force and fails to retain its shape is known as \_\_\_\_\_?**

- A. Plastic index**
- B. Non-Plastic**
- C. Lower plastic unit**
- D. Upper plastic unit**

**Q.6 Among the given crops, which crop has the highest percentage of irrigated area?**

- A. Rice**
- B. Cotton**
- C. Green gram**
- D. Sugarcane**

**Q.7 The available water retained in soil is between\_\_\_\_?**

- A. 0 to 2 bar**
- B.  $-1$  to  $-1/4$  bar**
- C. 18 to 35 bar**

D. -1/3 to -15 bar

**Q.8 Plants absorb nickel in the form of-**

- A. Ni<sup>+</sup>
- B. Ni<sup>2+</sup>
- C. Ni<sup>3+</sup>
- D. Ni<sup>-</sup>

**Q.9 In covering a distance of 30 km, Abhay takes 2 hours more than Sameer. If Abhay doubles his speed, then he would take 1 hour less than Sameer. Abhay's speed is:**

- A. 5 kmph
- B. 6 kmph
- C. 6.25 kmph
- D. 7.5 kmph

**Q.10 The soils having EC < 4 dsm<sup>-1</sup>, ESP > 15 and pH more than > 8.5 the soils is\_\_\_?**

- A. Saline
- B. Alkali
- C. Saline Alkali
- D. Degraded alkali

**Q.11 Which of the given is considered to be of agricultural importance?**

- A. Hirudinea sp
- B. Culex sp
- C. Pheritima sp
- D. Hydre sp

**Q.12 The ratio of weight of unit volume of dry soil including pore spaces to weight of an equal volume of water is:**

- A. Real specific gravity
- B. Particle density
- C. Wet bulk density
- D. Apparent specific gravity

**Q.13 A rise either in real output (GDP) or in real output per capita is named\_\_\_?**

- A. Economic development
- B. Economic efficiency
- C. Economic growth
- D. Growth rate

**Q.14 From the below options, more relative humidity is harmful for?**

- A. Sunflower
- B. Tobacco
- C. Maize

D. Sunflower and Tobacco both

Q.15 Deficiency of NITROGEN yellowing of leaf in a plant appears on\_\_\_\_?

- A. Upper leaf
- B. Lower leaf
- C. Middle leaf
- D. Whole plant

Q.16 Identify the microb which also controls the plant disease.

- A. Thiobacillus
- B. Lactobacillus
- C. Pseudomonas
- D. Orthobacter

Q.17 The general relative order of Anion exchange is\_\_\_\_\_?

- A.  $\text{NO}_3^- > \text{OH}^- > \text{H}_2\text{PO}_4^- > \text{SO}_4^{--}$
- B.  $\text{OH}^- > \text{H}_2\text{PO}_4^- > \text{SO}_4^{--} > \text{NO}_3^-$
- C.  $\text{SO}_4^{--} > \text{NO}_3^- > \text{OH}^- > \text{H}_2\text{PO}_4^-$
- D.  $\text{H}_2\text{PO}_4^- > \text{SO}_4^{--} > \text{NO}_3^- > \text{OH}^-$

Q.18 Yield advantage is higher than the pure crops in this type of intercropping system:

- A. Parallel cropping
- B. Companion cropping
- C. Multi-storey cropping
- D. Synergistic cropping

Q.19 What is the pF value of saturated soil and oven dry soil?

- A. 0 and 15
- B. 0 and 7
- C. 1 and 18
- D. 1 and 9

Q.20 The specific heat of quartz among the different soil constituents is the\_\_\_\_\_?

- A. Lowest
- B. Highest
- C. Similar to other constituents
- D. Variable

Q.21 The ratio between organic N and S in crop residue generally ranges between\_\_\_\_?

- A. 5-10:1
- B. 10-15:1
- C. 15-20:1
- D. 20-25:1

**Q.22 Which of the given method of measurement of soil moisture is considered as check for all other methods?**

- A. Electrical conductivity method**
- B. Tensiometer method**
- C. Gravimetric method**
- D. Neutron probe method**

**Q.23 Diagnosis and Recommendation Integrated System approach was provided by\_\_\_\_?**

- A. Mitectierlich's**
- B. Beaufls**
- C. Liebig's**
- D. Wallace**

**Q.24 Which of the following is appropriate for a clay soil?**

- A. Sand < 45% Silt < 40% Clay = 40%**
- B. Sand > 45% Silt < 40% Clay < 40%**
- C. Sand < 45% Silt > 40% Clay > 45%**
- D. None of these**

**Q.25 Which one of the following statement/ option is correct about the crop rotation?**

- A. The leguminous crop should be grown after leguminous crops**
- B. More exhaustive crops should be followed by highly exhaustive crops**
- C. Crops having shallow roots should be succeeded by deep-rooted crops**
- D. The crops of same botanical family should be grown continuously**

**Q.26 Estimate the percent moisture in a given SAMPLE:**

**Weight of moist soil + box = 200 gm Weight of oven dry soil + box = 160 gm Weight of empty box = 50 gm**

- A. 22.22%**
- B. 40.60%**
- C. 36.36%**
- D. 36.84%**

**Q.27 Which of the following crops can yield highest quantity of green fodder?**

- A. Lucerne**
- B. Oats**
- C. Berseem**
- D. Senji**

**Q.28 Which of the following component of a Farm Pond is useful for letting out the excess water from the pond?**

- A. Storage Area**
- B. Earthen Dam**

- C. Mechanical Spillway
- D. Emergency spillway

Q.29 How much boron concentration (mg/kg) is unsafe for plant growth?

- A. 1.5 mg/kg
- B. 0.75 -1.5mg/kg
- C. 0.7-0.25 mg/kg
- D. <0.2 mg/kg

Q.30 If wire is formable but soil mass is easily deformable, then the soil is\_\_\_\_\_?

- A. Non-plastic
- B. Plastic
- C. Slightly plastic
- D. Very plastic

Q.31 Trichoderma viride, a bioagent to control some diseases in crop plants, acts as:

- A. Herbicide
- B. Bactericide
- C. Nematicide
- D. Fungicide

Q.32 The heat transfer rate in solid agricultural products of any shape is called\_\_\_\_\_?

- A. Mass density
- B. True Density
- C. Bulk density
- D. Mass diffusivity

Q.33 Sunhemp should be planted at what distance (in cm) to raise fibre crop?

- A. 30x(7-10)
- B. 30x (7-15)
- C. 30x (7-20)
- D. 3x(7-10)

Q.34 What is the process involved in aminization during Nitrogen mineralization?

- A. Conversion of inorganic Nitrogen to Organic Nitrogen
- B. Decomposition of proteins into amines, aminoacids and urea
- C. Amines and aminoacids are decomposed into ammonia
- D. Conversion of ammonia to nitrite and nitrate

Q.35 Interceptor drain helps to control water logging by\_\_\_\_\_?

- A. Lowering the water table
- B. Preventing subsoil water from reaching the area
- C. Allowing vertical drainage
- D. Draining out excess water to the natural drain

**Q.36 Which one of the following statements is incorrect in case of surface retention of crop residues (mulching)?**

- A. Thermo regulation of soils**
- B. Reduced evaporation**
- C. Increased water requirement of crops**
- D. Mitigate terminal heat**

**Q.37 If azolla is grown in rice field along with rice crop, then how much nitrogen is fixed by azolla in rice field ?**

- A. 10-20 kgN/ha**
- B. 20-30 kgN/ha**
- C. >50kgN/ha**
- D. 30-40 kgN/ha**

**Q.38 Who introduced the term "New Systematic"?**

- A. De Candolle**
- B. Turril**
- C. Linnaeus**
- D. Julian Huxley**

**Q.39 High solidity wind rotor works on\_\_\_\_\_?**

- A. Drag force**
- B. Lift force**
- C. Both Lift and Drag force**
- D. Gravity force**

**Q.40 In the Universal Soil Loss Equation, the soil erodability factor K is\_\_\_\_?**

- A. Measure of the susceptibility of soil particles to detachment and transport**
- B. Slope length gradient factor**
- C. Crop management factor**
- D. Rainfall-runoff factor**

**Q.41 What is the example of alleles is?**

- A. AB and Tt**
- B. TT and Tt**
- C. T and t**
- D. X and Y**

**Q.42 Safflower is which season crop?**

- A. Kharif**
- B. Rabi**
- C. Zaid**



**D. All of these**

**Q.43 Which of the following represents the purity or strength of colour in Munsell colour chart ?**

- A. Hue**
- B. Value**
- C. Chroma**
- D. Hue and Value both**

**Q.44 Watershed is a -**

- A. Hydrological entity contributing runoff to a common point.**
- B. Hydrological entity receiving runoff to a single point.**
- C. Hydrological entity receiving runoff from multi-inlet runoff**
- D. Hydrological entity distributing runoff from common inlet.**

**Q.45 Irrigation is scheduled at IW/CPE ratio of 0.8 and the crop is irrigated to a depth of 5.0 cm when the CPE is-**

- A. 5.25 cm**
- B. 6.25 cm**
- C. 7.25 cm**
- D. 8.25 cm**

**Q.46 The process of conversion of organic form to inorganic form (mineral form) of nutrient element is called\_\_\_\_?**

- A. Nitrification**
- B. Denitrification**
- C. Mineralization**
- D. Volatilization**

**Q.47 The most sensitive stage of rice to soil moisture stress is\_\_\_\_?**

- A. Panicle initiation**
- B. Booting**
- C. Early heading**
- D. Flowering**

**Q.48 How many principles are there for plant distribution?**

- A. 2**
- B. 5**
- C. 8**
- D. 16**

**Q.49 Among the given crops, which crop has the highest percentage of irrigated area?**

- A. Rice**
- B. Cotton**

- C. Green gram
- D. Sugarcane

**Q.50 The available water retained in soil is between\_\_\_?**

- A. 0 to 2 bar
- B.  $-1$  to  $-1/4$  bar
- C. 18 to 35 bar
- D.  $-1/3$  to  $-15$  bar

**Q.51 Plants absorb nickel in the form of-**

- A.  $\text{Ni}^+$
- B.  $\text{Ni}^{2+}$
- C.  $\text{Ni}^{3+}$
- D.  $\text{Ni}^-$

**Q.52 In the presence of silica, lime and other salts in soil, the soil appears like\_\_\_\_\_?**

- A. Dark coloured
- B. Brown coloured
- C. Red coloured
- D. Light coloured

**Q.53 The percentage of N,  $\text{P}_2\text{O}_5$  and  $\text{K}_2\text{O}$  (approximately) in Farm Yard Manure (FYM) is\_\_\_\_\_?**

- A. 1.0, 0.6 and 1.0%
- B. 2.0, 1.0 and 0.5%
- C. 0.5, 0.2 and 0.5%
- D. 3.0, 2.0 and 1.0%

**Q.54 Genetic traits of seeds are noted as follows, L = long, l = short, w = wrinkled, W = smooth Y = yellow, y = white, R = ribbed, r = grooved. Which of the following is the genotype for a short, wrinkled, yellow, grooved seed?**

- A.  $\text{lIwWyyrr}$
- B.  $\text{LiwWyyrr}$
- C.  $\text{LiwWyyrr}$
- D.  $\text{LwWyyrr}$

**Q.55 The specifications of the wire for transmission of electrical energy should be selected such that:**

- A. Low current flow and the resistance of the cable is small
- B. Low current flow and the resistance of the cable is high
- C. High current flow and the resistance of the cable is small
- D. High current flow and the resistance of the cable is high

**Q.56 When the Area with nutrient index value is  $> 2.3$ , then the nutrient index value is:**

- A. High**
- B. Medium**
- C. Low**
- D. Low medium**

**Q.57 The bacteria responsible for oxidizing  $\text{Fe}^{2+}$  -  $\text{Fe}^{3+}$  (ferrous to ferric form) under acidic environment is\_\_\_?**

- A. Pseudomonas**
- B. Thiobacillus**
- C. Lactobacillus**
- D. Orthobacter**

**Q.58 What is the equation when water spread area of a sprinkler is given?  
where,**

**R = Radius of wetted area**

**d = diameter of nozzle**

**h = pressure head at nozzle**

- A.  $R = 1.35 \times \text{Underoot of } (dh)$**
- B.  $R = \text{Underoot of } (dh)$**
- C.  $R=dh$**
- D.  $R= 1.56 - \text{Underoot of } (dh)$**

**Q.59 For the farm area of 40 ha. followed under single cropping pattern, the suitable size of tractor is\_\_\_?**

- A. 0 to 20 HP**
- B. 50 HP**
- C. 20 to 25 HP**
- D. 35 HP**

**Q.60 At field capacity the moisture is held with soil water potential at\_\_\_?**

- A.  $< 1.1$  bar**
- B.  $< 0.5$  bar**
- C.  $< 1/3$  bar**
- D.  $1/3.0$  bar**

**Q.61 Which of the following element is a part of cytochrome oxidase ?**

- A. Mo**
- B. Fe**
- C. Ge**
- D. Mg**

**Q.62 Which of the following instrument is used for measurement of specific heat?**

- A. Micrometer**
- B. Calorimeter**
- C. Thermometer**
- D. Current meter**

**Q.63 The saline and alkali soils fall in which order ?**

- A. Entisol**
- B. Alfisol**
- C. Molisol**
- D. Aridisol**

**Q.67 With the presence of organic matter and iron oxides in the soil, the colour of soil appears like\_\_\_?**

- A. Red colour**
- B. Brown colour**
- C. Dark colour**
- D. Yellow, red colour**

**Q.68 Which one of the following insect-pests affects sugarcane crop?**

- A. Gurdaspur borer**
- B. Gujhia weevil**
- C. Gundhi bugs**
- D. Pink bollworms**

**Q.69 Tobacco plant grows and matures rapidly when average temperature is about:**

- A. 23 Degree C**
- B. 25 Degree C**
- C. 27 Degree C**
- D. 29 Degree C**

**Q.70 Optimizing the employment of farm resources on a farm level is known as\_\_\_?**

- A. Macro economics**
- B. Agricultural marketing**
- C. Production economics**
- D. Farm management**

**Q.71 Hydrographic Survey deals with the mapping of :**

- A. Large water bodies**
- B. Watershed**
- C. Canal system**
- D. Movements of clouds**

**Q.72 By which of the following family tree is represented?**

- A. Cladogram**
- B. Key**
- C. Herbarium**
- D. Arboratum**

**Q.73 The irrigation water contains  $\text{CO}_2\text{ZHC}_3$ ,  $\text{Ca}^{++}$  and  $\text{Mg}^{++}$  ion 1, 4, 2.5 & 1.5. Calculate the RSC (residual sodium carbonate ) in irrigation water (mcl-1).**

- A. 0.1**
- B. 10**
- C. 01**
- D. 1**

**Q.74 The best example of multistoried cropping is?**

- A. Arhar + Sorghum**
- B. Wheat + Mustard**
- C. Gram + Lentil**
- D. Eucalyptus + Papaya + Berseem**

**Q.75 The measure of which nutrient's square is found deficient in "Black Soil"?**

- A. Iron**
- B. Potash**
- C. Lime**
- D. Nitrogen and Phosphorus**

**Q.76 Blue green algae are stored in\_\_\_\_\_?**

- A. Animalia**
- B. Plantae**
- C. Protista**
- D. Monera**

**Q.77 In gravimetric process of soil moisture measurement, the soil oven dried at\_\_\_\_\_?**

- A.  $80^\circ\text{-}100^\circ\text{C}$**
- B.  $105^\circ\text{-}110^\circ\text{C}$**
- C.  $155^\circ\text{-}180^\circ\text{C}$**
- D.  $135^\circ\text{-}150^\circ\text{C}$**

**Q.78 Which of the given is not a straight fertilizer?**

- A. Nitrogen fertilizer (Urea)**
- B. Phosphate fertilizer (SSP)**
- C. Potash fertilizer (MOP)**
- D. FYM (Farm Yard Manure)**

**Q.79 Which type of cultivating tool is extensively used for weed control?**

- A. Furrower type**
- B. Sweep type**
- C. Slip nose type**
- D. Double point shovel type**

**Q.80 The promising irrigation technique in rice crop is:**

- A. Intermittent irrigation**
- B. Flood irrigation**
- C. Drip irrigation**
- D. Surge irrigation**

**Q.81 Bacteria responsible for oxidizing  $\text{NO}_2^-$ ,  $\text{NO}_3^-$  in soils is\_\_\_\_\_?**

- A. Nitrosomonas**
- B. Nitrobacter somonas**
- C. Pseudomonas**
- D. Rhizobium**

**Q.82 Biological Nitrogen Fixation is catalyzed by\_\_\_\_\_?**

- A. Cu**
- B. Zn**
- C. B**
- D. Mo**

**Q.83 The highest enzymatic activity is observed in which size of soil clay particle ?**

- A. Clay 50 — 70  $\mu$  (Mue)**
- B. Clay < 50  $\mu$  (Mue)**
- C. Clay 70-90  $\mu$**
- D. Clay < 90  $\mu$**

**Q.84 ICBN (International Code of Botanical Nomenclature) is related to terminology of\_\_?**

- A. Virus**
- B. Bacteria**
- C. Plants**
- D. Animal**

**Q.85 The step of mitosis in which chromosomes line up along the equatorial plane of the cell is called\_\_\_\_\_?**

- A. Prophase**
- B. Metaphase**
- C. Anaphase**
- D. Telophase**

**Q.86 Due to deficiency of Zn causes Khaira disease in rice field, the disease caused on rice field appears\_\_\_\_\_?**

- A. Necrotic**
- B. Yellow coloured**
- C. Copper brownish coloured**
- D. Reddish coloured**

**Q.87 Which nutrient stimulate the root growth of plant?**

- A. N**
- B. P**
- C. K**
- D. Mn**

**Q.88 What is opportunity cost ?**

- A. Cost of next best alternative foregone**
- B. Cost of cultivation**
- C. Cost of production**
- D. Cost of supplementary enterprise**

**Q.89 Which one of the following statements is not correct with respect to the criteria for selection of seed for sugarcane?**

- A. The top one-third to half portion of cane is best for sowing**
- B. Seed for sugarcane should be taken from crop of not more than 10-12 months age**
- C. Ratoon crop is suitable for seed purpose**
- D. It should be free from diseases**

**Q.90 The total depth of water required by a crop is known as:**

- A. Delta**
- B. Duty of water**
- C. Cusec**
- D. Dead storage**

**Q.91 Which one of the following element is not essential for plant growth?**

- A. Nickle**
- B. Sodium**
- C. Manganese**
- D. Zinc**

**Q.92 The amount of ferrous sulphate ( $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ ) in tons equivalent to 1.0 ton of gypsum to improve soil is\_\_\_\_\_?**

- A. 1.80 ton**
- B. 0.57 ton**
- C. 1.62 ton**
- D. 0.80 ton**

**Q.93 To which hybridisation techniques do the following examples belong to?**

**Cross between two inbred lines of Maize\_\_\_**

- A. Is a result of Intravarietal Hybridisation.**
- B. is a result of Intervarietal Hybridisation.**
- C. is a result of Intergeneric Hybridisation.**
- D. is a result of Interspecific Hybridisation.**

**Q.94 The grazing animals can change the type of vegetation by\_\_\_?**

- A. Cross pollination**
- B. Selective grazing**
- C. Bringing in plant pathogens**
- D. Bringing the seeds of other plants**

**Q.95 Napier X Bajra hybrid is a cross between:**

- A. Pennisetum purpureum X Pennisetum glaucum**
- B. Pennisetum glaucum X Pennisetum Americanum**
- C. Pennisetum americanum X Pennisetum glaucum**
- D. Pennisetum orientale X Pennisetum Americanum**

**Q.96 Which legume crop fix highest atmospheric Nitrogen?**

- A. Groundnut**
- B. Cow pea**
- C. Clover**
- D. Alfalfa**

**Q.97 Which one of the following is the most productive soil in India?**

- A. Red soil**
- B. Black soil**
- C. Alluvial soil**
- D. Calcareous soil**

**Q.98 What is the rank of Bihar in terms of production of jute among the States of India ?**

- A. 1<sup>st</sup>**
- B. 2<sup>nd</sup>**
- C. 3<sup>rd</sup>**
- D. 4<sup>th</sup>**

**Q.99 Which of the following states has very little alluvial soil?**

- A. Bihar**
- B. Madhya Pradesh**
- C. Tamil Nadu**
- D. Punjab**



**Q.100 Where is the headquarter of International Fund for Agriculture Development located?**

- A. Vienna, Austria**
- B. Rome, Italy**
- C. New York, USA**
- D. Berlin, Germany**

**Q.101 Mutual Funds are regulated in India by which among the following?**

- A. RBI**
- B. SEBI**
- C. Stock Exchanges**
- D. RBI and SEBI both**

**Q.102 India's rank in rice production in the world is -**

- A. 1<sup>st</sup>**
- B. 2<sup>nd</sup>**
- C. 3<sup>rd</sup>**
- D. 4<sup>th</sup>**

**Q.103 The most popular fertilizer for foliar application is -**

- A. Potassium**
- B. Phosphate**
- C. Urea**
- D. Ammonium**

**Q.104 In the National Cooperative Development Corporation (NCDC) was established for strengthening the cooperative activities.**

- 1953**
- 1963**
- 1973**
- 1983**

**Q.105 Which of the following subsequent statement is wrong ?**

- A. The production and classification of soil is known as edaphology**
- B. Tea, Cassava, Rubber and Cashews grow in Laterite Soil**
- C. Laterite soil is a local soil**
- D. Red soils are rich in iron**

**Q.106 From the hydraulic efficiency point of view, the most efficient cross-section of an open channel is -**

- A. Parabolic**
- B. Trapezoidal**
- C. Semi-circular**
- D. Rectangular**

**Q.107 In a hydro-electric plant, spillways are used to\_\_\_\_\_?**

- A. To discharge all surplus water**
- B. To discharge surplus water on the downstream side of dam**
- C. When water is not available in sufficient quantity**
- D. None of the above**

**Q.108 Which of the following type of aquifers is also known as 'Water Table Aquifer'?**

- A. Artesian Aquifer**
- B. Perched Aquifer**
- C. Confined Aquifer**
- D. Non-Artesian Aquifer**

**Q.109 Which is the largest chemical fertilizer producer in India?**

- A. Gujarat State Fertilizers & Chemicals Ltd.**
- B. Indian Farmers Fertiliser Corporation Limited**
- C. Rashtriya Chemicals & Fertilizers Ltd.**
- D. Coromande International Ltd.**

**Q.110 A is 2 years older than B but 1 year younger than C. B is twice as old as D. If D age is 25 years, what is the age (in years) of C ?**

- A. 51**
- B. 53**
- C. 52**
- D. 55**

**Q.111 Sanjay walks 20 km in north direction, then turn in east direction and walks 4 km. Then in which direction he is now with respect to starting point?**

- A. North east**
- B. West east**
- C. South west**
- D. South East**

**Q.112 Complete the series by choosing the right option :**

**U, O, I, \_\_\_\_\_?**

- 1. E**
- 2. C**
- 3. S**
- 4. G**

**Complete the series:**

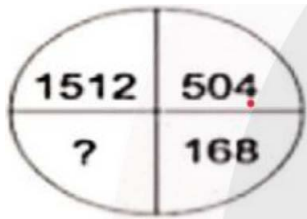
**?, Ethane, Propane, Butane**

- 1. Methyl
- 2. Benzene
- 3. Methane
- 4. Octane

Q.113 Introducing Meenakshi, Ramsingh says, “She is the sister of the son of my mother’s sister”. How is Meenakshi related to Ramsingh ?

- A. Mother
- B. Daughter
- C. Sister
- D. Cousin

Q.114 Select the number which can be placed in the column of question mark sign.



- A. 56
- B. 52
- C. 58
- D. 62

Q.115 Many resorts in the hilly areas were closed in the monsoon season due to increased threat of landslides.

What can be done to promote tourism in monsoon season?

- A. Train the local people of the area to fight any natural disaster
- B. Build resorts in safe areas
- C. Landslides don't occur often and so don't take a serious step
- D. Give discounts during monsoon season

Q.116 Complete the series: 5, 20, 24, 6, 2, 8, ?

- A. 12
- B. 32
- C. 34
- D. 36

Q.117 Read the given statement and answer the question that follows.

**Cause: Trees are being cut to build huge houses.**

**Choose the possible effect of the above cause.**

- A. Water consumption has increased**
- B. There is scanty rainfall**
- C. Roads are narrow**
- D. Small houses are cheaper**

**Q.118 When the printer is sold for Rs. 15000, the owner loses 15%. At what price must that printer be sold in order to gain 15%?**

- A. Rs. 60882.35**
- B. Rs. 62000.62**
- C. Rs. 61230.54**
- D. Rs. 59234.23**

**Q.119 If  $4x=40$ ,  $3y=33$ , what is the value of  $6x+4y$ ?**

- A. 104**
- B. 144**
- C. 121**
- D. 133**
- E. 29**

**Q.120 In covering a distance of 30 km, Abhay takes 2 hours more than Sameer. If Abhay doubles his speed, then he would take 1 hour less than Sameer. Abhay's speed is:**

- A. 5 kmph**
- B. 6 kmph**
- C. 6.25 kmph**
- D. 7.5 kmph**

**Q.121 What is related to Menu as Syllabus is related to Course?**

- A. Meal**
- B. Diet**
- C. Spice**
- D. Curry**

**Q.122 Fill in the blank with the correct option.**

**I \_\_\_\_ in Hyderabad.**

- A. have lived**
- B. have live**
- C. Living**
- D. Lives**

**Q.123 Choose another pair of words with the same relationship as the one given below.**

**Backstroke: ? :: Bouncer: Cricket**

- A. Tennis**
- B. Swimming**
- C. Hockey**
- D. Badminton**

**Q.124 Choose another pair of words with the same relationship as the one given below.**

**Wasp: Sting :: Dog: ?**

- A. Domestic**
- B. Bark**
- C. Bite**
- D. White**

**Q.125 Fill in the blank with the correct option.**

**\_\_\_\_\_ universities offer a wide range of courses for foreign students.**

- A. Every**
- B. Each**
- C. All**
- D. Most**

**Q.126 Select the word/phrase that should replace the emboldened word/phrase to make the given sentence grammatically relevant.**

**In the bus accident, five killed and one injured.**

- A. Five killed and one were injured.**
- B. Five was killed and one was injured.**
- C. Five were killed and one were injured.**
- D. Five were killed and one was injured.**

**Q.127 Three containers have their volumes in the ratio 3: 4: 5, They are full of mixtures of milk and water. The mixtures contain milk and water in the ratio of (4 : 1), (3: 1) and (5: 2) respectively. The contents of all these three containers are poured into a fourth container. The ratio of milk and water in the fourth container is :**

- A. 551:48**
- B. 157:53**
- C. 4:1**
- D. 5:2**

**Q.128 A train 125 m long passes a man running at 5 km/hr in the same direction in which the train is going, in 10 seconds. The speed of the train is:**

- A. 45 km/hr**
- B. 50 km/hr**
- C. 54km/hr**

D. 55km/hr

Q.129 If 20% of  $a = b$  and then  $b$  is:

- A.  $A / 5$
- B.  $5a$
- C.  $A / 20$
- D.  $20a$
- E. None of these

Q.130 Working in a shift of 5 hours 39 workers take 12 days to build a stretch of highway. In how many days will 30 workers working 6 hours a day, complete the work?

- A. 13 days
- B. 30 days
- C. 45 days
- D. 28 days

Q.131 How many values of  $x$  and  $y$  satisfy the equation  $2x + 4y = 8$  &  $3x + 6y = 10$ .

- A. 1
- B. 2
- C. 0
- D. 16

Q.132  $\{(481 + 426)^2 - 4 \times 481 \times 426\} = ?$

- A. 3025
- B. 4200
- C. 3060
- D. 3210

Q.133 Solve:  $666/6/3 = ?$

- A. 37
- B. 333
- C. 111
- D. 84
- E. None of these

Q.134 Identify the given logic and complete the series with the correct option.  
12, 15, 18, 20, ?

- A. 11
- B. 21
- C. 22
- D. 9

**Q.135 Careful is to cautious as boastful is to:**

- A. Arrogant**
- B. Humble**
- C. Joyful**
- D. Suspicious**

**Q.136 In a certain code, '149' means 'eat one bun' ; '178' means 'bun is sweet' and '179' means 'eat sweet bun'. Which digit in that code means "is" ?**

- A. 4**
- B. 7**
- C. 8**
- D. 1**

**Q.137 F is the brother of A, C is the daughter of A, K is the sister of F and G is the brother of C then who is the uncle of G?**

- A. C**
- B. A**
- C. K**
- D. None of these**

**Q.138 Understand the logic in the given words and choose the odd one out.**

- A. Bed bug**
- B. Beetle**
- C. Cricket**
- D. Lizard**

**Q.139 If the code for BRUSHING is SHRUBING then what will be the code for SLEEPING?**

- A. EPLINGS**
- B. EPLESING**
- C. LEEPSING**
- D. PLEESING**

**Q.140 Rearrange the words to form a meaningful sentence-**

- 1. Rather**
- 2. a**
- 3. it**
- 4. was**
- 5. problem**
- 6. difficult**

- A. 2-5-3-6-1-4**
- B. 2-6-5-3-1-4**
- C. 3-4-1-2-6-5**
- D. 3-4-2-1-6-5**