

Previous Year Question Paper

of

ICMR – JRF

LIFE SCIENCES

Examination

2018

(Original Question Paper with Answer Key)

INDIAN COUNCIL OF MEDICAL RESEARCH



For more question papers, please visit: www.easybiologyclass.com

Print less... Save paper... Save trees....Save our Earth! EBC

ENTRANCE EXAMINATION FOR ICMR-JRF - JULY 2018
EXAM HELD ON 22.07.2018 SET A

PART I -SECTION -A: APTITUDE

1. The most abundant element found in Earth's mass is
   1) Ca
   2) Fe
   3) Al
   4) Mg

2. Haemophilia, an inherited disorder that affects only males is:
   1) Recessive X-linked
   2) Dominant X-linked
   3) Y-linked
   4) Dominant autosomal

3. A camera setting that allows the camera to choose the correct focus distance for you
   1) Autofocus
   2) Zoom Lens
   3) Framing
   4) Aperture

4. The molecular weight of NaCl is 58. How many mg is in 50 µmol of NaCl?
   1) 290 mg
   2) 29 mg
   3) 2.9 mg
   4) 29 g

5. Which of the following is non-mutagenic?
   1) UV
   2) Acridine
   3) IR
   4) X-ray

6. Which of the following is not a lichen?
   1) *Lobaria oregano*
   2) *Rhizocarpon geographicum*
   3) Reindeer moss
   4) *Cladophialophora bantiana*

7. Which one of the following is a superfluid?
   1) ^{4}He
   2) ^{5}He
   3) ^{5}Li
   4) ^{4}Li

8. The WHO specified provisional guideline limit for Arsenic concentrations in potable water, is
   1) 1 µg/L
   2) 10 µg/L
   3) 100 µg/L
   4) 0.1 µg/L

9. The effect of splitting a spectral line into several components in the presence of a static magnetic field is called
   1) Stark Effect
   2) Zeeman Effect
   3) Planck Phenomenon
   4) Bohr phenomenon

10. Most common blood group among Indian population:
   1) O +
   2) A +
   3) B+
   4) AB+

11. The women scientist who won Nobel prize in 2015 for her discovery on a novel therapy against malaria is
   1) Youyou Tu
   2) Svetlana Alexievich
   3) Malala Yousafzai
   4) Alice Munro

12. All are basic types of melanin except
   1) Eumelanin
   2) Pheomelanin
   3) Neuromelanin
   4) Cystomelanin

13. One of the following diseases is due to protein deficiency:
   1) Scurvy
   2) Marasmus
   3) Beriberi
   4) Rickets

For more question papers, please visit: www.easybiologyclass.com

Print less... Save paper... Save trees....Save our Earth! EBC

14. **All are true about Type -2 diabetes mellitus except:**
1) It is a genetic disease
2) Disease of life style
3) Caused due to increase in insulin production
4) Caused due to inability of cells to respond to normal levels of insulin

15. **Following are the types of active transport through cell membrane except:**
1) Sodium -Potassium pump
2) Endocytosis
3) Osmosis
4) Exocytosis

16. **International day for preservation of the Ozone layer is:**
1) 16 September
2) 2 October
3) 31 October
4) 27 November

17. **An instrument used to measure humidity is**
1) Anemometer
2) Hygrometer
3) Thermometer
4) Pyrhellometer

18. **Which gas is safe and effective extinguisher for all confined fires**
1) Nitrogen dioxide
2) Carbon dioxide
3) Sulphur dioxide
4) Nitrous Oxide

19. **The country that has regulations relating to the trans fats in foodstuffs is**
1) India
2) South Africa
3) Australia
4) United States of America

20. **Pregnancy can be terminated medically up to:**
1) 12 weeks
2) 20 weeks
3) 18 weeks
4) 24 weeks

21. **HLA matching is done during:**
1) Blood transfusion
2) Platelet transfusion
3) Total parenteral nutrition
4) Organ transplantation

22. **Nosocomial infections are:**
1) Acquired during the course of hospitalisation
2) Due to vaccination
3) Due to mosquito bite
4) Due to rat bite

23. **Which one of the following is a comma shaped motile bacteria?**
1) *Yersinia pestis*
2) *Brucella melitensis*
3) *Vibrio cholera*
4) *Bacillus Anthracis*

24. **The resolution of human eye is**
1) 12 megapixels
2) 50 gigapixes
3) 576 megapixels
4) 500 pixels

25. **What do you mean by LTE in relation to telecommunication**
1) Long term evolution
2) Light term evolution
3) Long term enhancement
4) Light term enhancement

26. **Rain gauge is the instrument for determining:**
1) The depth of precipitation in millimetre over one-meter square area.
2) The depth of precipitation in centimetre over one-meter square area.
3) The depth of precipitation in millimetre over one- inch square area.
4) The depth of precipitation in inches over one-millimetre square area

For more question papers, please visit: www.easybiologyclass.com

Print less... Save paper... Save trees....Save our Earth! EBC

27. **The Indian government generally spends about ___% of GDP on healthcare**
1) 12.2
2) 8.2
3) 4.2
4) 1.2

28. **The reason for choosing mice for the science experiments are all except:**
1) They are small
2) They have long life span
3) They don't cause damage when provoked
4) We share many of our genes with mice

29. **Biological clock refers to all except:**
1) Ageing
2) Death clock
3) Circadian rhythm
4) Molecular clock

30. **If an engine has a capacity of 1000cc than the capacity of that engine is**
1) One millilitre
2) One Litre
3) Two Litre
4) Two millilitres

31. **The type of Laser used in Laser Printers?**
1) Semiconductor laser
2) Excimer Laser
3) Dye Laser
4) Gas Laser

32. **Aluminium is getting popular worldwide today as a "Green Metal". Which among the following properties of Aluminium makes it a Green Metal?**
1) Aluminium has been providing a replacement of wood for saving forests and contributes in environment protection
2) Aluminium is a light metal and it is resistant to corrosion
3) Aluminium has high rate of recycling and it can be re-used repeatedly without its quality deteriorating.
4) The lands after the Bauxite mining can be restored very quickly and easily

33. **The variance of a data set is 2.25. If we multiply each data value by 2 then the standard deviation will be:**
1) 1.5
2) 3.5
3) 3
4) 4.5

34. **In a normally distributed population, number of the observations falling within the range Mean ± S.D. is approximately**
1) 50%
2) 68%
3) 87%
4) 95%

35. **For comparing variability in different parameters recorded in different units, the most appropriate measure is**
1) Range
2) Mean Deviation
3) Standard Deviation
4) Coefficient of Variation

36. **Geometric mean of 3, 4 and 18 is**
1) 8.33
2) 8.0
3) 7.5
4) 6.0

37. **If we wish to study the mutual interdependence between systolic blood pressure and blood sugar in a sample of 25 patients, then the type of analysis required to be performed is**
1) Correlation Analysis
2) Regression Analysis
3) Salt Analysis
4) Analysis of Variance

38. **The most appropriate measure of central tendency when data are contaminated by outliers is:**
1) Mode
2) Arithmetic mean
3) Geometric mean
4) Median

For more question papers, please visit: www.easybiologyclass.com

Print less... Save paper... Save trees....Save our Earth! EBC

ENTRANCE EXAMINATION FOR ICMR-JRF - JULY 2018
EXAM HELD ON 22.07.2018

SET A

39. If a distribution is negatively skewed, then
1) Mean= Median=Mode
2) Mean<Median<Mode
3) Mean>Median>Mode
4) Mean<Mode<Median

40. A random sample of expenditure on 20 patients from PGI and another random sample of expenditure on 25 patients from Fortis Hospital was selected. If our interest was to know whether, on an average, expenditure incurred per patient in the two hospitals was comparable or not, then the appropriate test procedure would be
1) Z-test
2) Paired t-test
3) Unpaired t-test
4) Kendall's Concordance analysis

41. The mean and median of a data set are 24 and 22, respectively. The mode of the data set will be:
1) 23
2) 18
3) 2
4) -2

42. The mean, mode and standard deviation of a data set are 10, 13 and 1.5, respectively. The value of coefficient of skewness is:
1) 2
2) -3
3) 3
4) -2

43. The mean, median, mode of a data set is 135, 133 and 130, respectively. The distribution of the data set is:
1) symmetric
2) Negatively skewed
3) Positively skewed
4) Normal

44. A pharmaceutical company produces 8 % defective tablets. The expected number of non-defective tablets in a batch of 175 tablets is:
1) 14
2) 28
3) 161
4) 147

45. An appropriate measure of association between two attributes, each at two levels, is:
1) Karl Pearson's correlation coefficient
2) Spearman's rank correlation coefficient
3) Kendall's tau coefficient
4) Yule's coefficient of association

46. A test of significance to test the independence of two attributes is:
1) t-test
2) F-test
3) Z-test
4) Chi-square test

47. A bottle contains 4 underweight, 3 over weight and 5 normal weight tablets. A person draws randomly one tablet from the bottle. The chance of drawn tablet not being under weight is:
1) .67
2) .3
3) .42
4) .58

48. The appropriate measure of dispersion of an open-end class data is:
1) Range
2) Mean deviation
3) Quartile deviation
4) Standard deviation

49. ANOVA technique is most appropriate for testing statistical significance of
1) Mean of single random sample
2) Difference between means of two independent random samples
3) Difference between means of two paired samples
4) Difference between means of more than two (independent or related) samples

For more question papers, please visit: www.easybiologyclass.com

Print less... Save paper... Save trees....Save our Earth! EBC

50. **If p-value of a test-statistic is 0.0023, then our inference would be:**

1) The findings are statistically non-significant
2) The findings are significant at 5% probability level
3) The findings are significant at 1% probability level
4) The findings are significant at 0.1% probability level

For more question papers, please visit: www.easybiologyclass.com

Print less... Save paper... Save trees....Save our Earth! EBC

ENTRANCE EXAMINATION FOR ICMR-JRF - JULY 2018
EXAM HELD ON 22.07.2018 SET A

PART II - SECTION-B: LIFE SCIENCE

51. **All of the following pathogenic bacteria fulfil Koch's postulates except**
1) *Treponema pallidum*
2) *Yersinia pestis*
3) *Bacillus anthracis*
4) *Helicobacter pylori*

52. **Category A bioterrorism agents are**
1) *Clostridium botulinum*
2) *Vibrio cholerae*
3) *Pseudomonas aeruginosa*
4) *E. coli*

53. **Holding time for sterilization by dry heat at temperature of 160°C is**
1) 5 minutes
2) 15 minutes
3) 60 minutes
4) 45 minutes

54. **Which human infection spreads through urine**
1) Leptospirosis
2) Legionellosis
3) Plague
4) Diphtheria

55. **Louis Pasteur is not associated with**
1) Introduction of complex media
2) Discovery of rabies vaccine
3) Discovery of phenomenon of phagocytosis
4) Disproving spontaneous regression theory

56. **Toxin which blocks the release of acetylcholine is**
1) Diphtheria toxin
2) Botulinum toxin
3) Staphylococcal toxin
4) Tetanospasmin

57. **Which of the following bacterial genome was sequenced first?**
1) *Escherichia coli*
2) *Streptococcus pneumoniae*
3) *Haemophilus influenzae*
4) *Sporotricum thermophile*

58. **Organic ion necessary in Na-K ATPase**
1) Mg^{+2}
2) PO_4
3) $SO4^{-2}$
4) Ca^{+2}

59. **Surfactant:**
1) Is commonly deficient in term neonates
2) Acts like detergent in water
3) Reduces the amount of negative intrapleural pressure
4) Increases pulmonary compliance

60. **Sleep center is located in**
1) basal ganglia
2) hypothalamus
3) medulla
4) cerebellum

61. **Most active form of vitamin D**
1) Vitamin D3
2) Calcitriol
3) Calcefedial
4) 7-dehydrocholecalciferal

62. **Function of the thalamus is-**
1) Relay centre
2) Arousal
3) Pain perception
4) Pain localisation

63. **Angiotensinogen is synthesized in the**
1) Liver
2) Kidney
3) Lungs
4) Adrenals

64. **The organ with maximum O2 consumption per minute**
1) Liver
2) Heart
3) Brain
4) Skeletal muscle

For more question papers, please visit: www.easybiologyclass.com

Print less... Save paper... Save trees....Save our Earth! EBC

65. **The enzyme responsible for the synthesis of RNA primer in eukaryotes**
1) DNA polymerase alpha
2) DNA polymerase beta
3) DNA polymerase gamma
4) Topoisomerase

66. **Which of the following does not have phosphate?**
1) A nucleoside
2) A nucleotide
3) DNA
4) RNA

67. **Which of the following is a purine?**
1) Adenine
2) Thymine
3) Uracil
4) Cytosine

68. **'RNAi' stands for which of the following?**
1) RNA inducer.
2) RNA insertion.
3) RNA interference.
4) RNA intron.

69. **Which of the following is not required for a PCR reaction?**
1) A DNA polymerase
2) Dideoxy-dNTPs
3) Primers
4) Template DNA

70. **which of the following is a non-natural amino acid?**
1) Arginine
2) β-alanine
3) Proline
4) Tryptophan

71. **Which of the following amino acid found abundantly in collagen protein**
1) Lysine
2) Alanine
3) Glycine
4) Leucine

72. **Alu sequences are**
1) Promoter sequence
2) Repetitive DNA sequence
3) Transcription initiation sequence
4) Telomeric sequence

73. **Difference between a DNA and RNA**
1) Sugar and phosphate
2) Sugar and purines
3) Purines and phosphate
4) Sugar and pyrimidines

74. **Inhibition of succinic dehydrogenase by malonic acid is**
1) Non-competitive inhibition
2) Competitive inhibition
3) Un-competitive inhibition
4) Feedback inhibition

75. **How many genes are there in E. coli K-12 genome**
1) 4377
2) 5467
3) 2498
4) 3000

76. **Genes which are active all the time in cell are known as**
1) Cellular luxury genes
2) Metabolic genes
3) Housekeeping genes
4) Control genes

77. **What is the key event that leads to association of a protein with a proteosome?**
1) Phosphorylation
2) Acetylation
3) Ubiquitination
4) Methylation

78. **Which of these restriction enzymes produce blunt ends?**
1) SalI
2) EcoRV
3) XhoI
4) HindIII

79. **Autonomously replicating sequence (ARS) is a feature of**
1) *E. coli* vector
2) Phage vector
3) Yeast vector
4) Plasmid vector

For more question papers, please visit: www.easybiologyclass.com

Print less... Save paper... Save trees....Save our Earth! EBC

80. What is not common between an expression vector and cloning vector
1) Origin of replication
2) Restriction sites
3) Marker genes
4) Promoter

81. From prenatal life to puberty the primary oocyte remains in
1) Prophase
2) Metaphase
3) Anaphase
4) Telophase

82. Total time taken from the beginning of meiosis to the formation of mature spermatozoa is about
1) 64 days
2) 74 days
3) 65 days
4) 75 days

83. Which of the chromosomal abnormality is responsible for Edward's syndrome?
1) Trisomy-18
2) Trisomy-21
3) Trisomy-8
4) Trisomy-13

84. Transcription is the process
1) By which information is transferred from DNA to the transfer RNA
2) By which information is transferred from RNA to the DNA
3) By which information is transferred from nuclear DNA to the mitochondrial DNA
4) By which information is transferred from DNA to the messenger RNA

85. What is cytokinesis
1) Chromosome condensation
2) Spindle formation
3) Division of cytoplasm
4) Separation of chromatids

86. A cross in which parents differ in a single pair of contrasting character is called
1) tetrahybrid cross
2) dihybrid cross
3) monohybrid cross
4) trihybrid cross

87. Phenotype of an organism is a result of
1) mutations and linkages
2) environmental changes and sexual dimorphism
3) genotype and environmental interactions
4) cytoplasmic effects and nutrition

88. The total number of phalanges present in each hand are
1) 12
2) 15
3) 14
4) 24

89. The movement of the sole of the foot inward or medially is ----------
1) inversion
2) eversion
3) pronation
4) supination.

90. Shoulder joint is an example of
1) primary cartilaginous joint
2) secondary cartilaginous joint
3) ball and socket joint
4) syndesmosis

91. Hormone insulin of Pancreas is secreted by
1) alpha cells
2) pancreatic acinus
3) beta cells
4) gamma cells

92. The primary sex organ in the male is
1) testes
2) penis
3) seminal vesicles
4) prostate

93. Valency of carbon is
1) One
2) Two
3) Three
4) Four

94. Coenzyme A is a derivative of
1) Thiamine
2) Riboflavin
3) Pantothenate
4) Niacin

For more question papers, please visit: www.easybiologyclass.com

Print less... Save paper... Save trees....Save our Earth! EBC

95. **Which of the following reduces oxygen to water?**
1) Q-cytochrome c reductase
2) ATP synthase
3) TCA cycle
4) Cytochrome c oxidase

96. **Water transportation across lipid bilayers of the cell is probably mediated by**
1) Hydrotransferrins
2) Aquaporins
3) Hydroporins
4) Aquatransferrins

97. **Which of the following is wrong about Hemoglobin**
1) It displays quaternary structure
2) It binds oxygen
3) It contains Heme moiety
4) It has proteolytic activity

98. **Acid phosphatase is a marker of**
1) Plasma membrane
2) Lysosome
3) Mitochondria
4) Endoplasmic reticulum

99. **The amino acid involved in the synthesis of nitric oxide is**
1) Alanine
2) Asparagine
3) Aspartic acid
4) Arginine

100. **What does uncompetitive inhibition in the enzyme-substrate reaction tells us**
1) Inhibitor binds already formed enzyme-substrate complex
2) Inhibitor binds to another site than the active site of enzyme
3) Inhibitor competes with the substrate in binding the active site of enzyme
4) Inhibitor does not participate in the enzyme-substrate reaction

101. **Which among the following absorbs more UV radiation at 260 nm**
1) Double stranded DNA
2) Single stranded DNA
3) Single stranded RNA
4) Protein complex

102. **The main role of an enzyme in a chemical reaction is to**
1) Reduce the energy of a reaction
2) Increase the energy of a reaction
3) Reaction goes to completion without changing energy
4) Reduce the substrate binding characteristics

103. **The energy producing groups in the Adenosine triphosphate**
1) Purine groups
2) Sugar groups
3) Phosphate groups
4) Nitrogen groups

104. **The cellular organelle with acidic pH**
1) Nucleus
2) Mitochondria
3) Golgi complex
4) Lysosomes

105. **The tertiary structure of protein is governed mainly by the**
1) Intramolecular interactions of the side groups of polypeptide chains
2) Intermolecular interactions of the polypeptide chains
3) Hydrogen bonding
4) Vanderwalls interactions

106. **Many scientists are very interested in studying mitochondrial DNA because it**
1) is only present in vertebrates closely related to humans.
2) replicates by synthesizing an mRNA that then acts as a DNA polymerase.
3) contains over 50% of the genes in the human genome.
4) mutates rapidly and allows us to study evolution over short time scales.

107. **Which of the following is a nucleotide sequence data base?**
1) EMBL
2) SWISS PROT
3) PROSITE
4) TREMBL

108. **5) Which of the following organisms has the largest genome size?**
1) *Mycoplasma genitalium*
2) *Escherichia coli*
3) *Amoeba dubia*
4) *Homo sapiens*

75-150 75 6A

For more question papers, please visit: www.easybiologyclass.com

Print less... Save paper... Save trees....Save our Earth! EBC

109. **Sequencing 'depth' is also known by another term:**
1) Amount
2) Coverage
3) Trend
4) Consensus

110. **Taxonomy using 16s rRNA was defined by:**
1) Watson
2) Huckley
3) Woese
4) Crick

111. **A cDNA library:**
1) Can also be called an expressed sequence tag (EST) library.
2) Is Compulsory DNA library
3) Part of Protein domain
4) Only found in plants

112. **Which of these might be an advantage to genetic testing of individuals via microarrays?**
1) Many different potential mutations in a single gene could be tested at once.
2) Expression patterns of many different genes can be analyzed simultaneously.
3) Microarray analysis can provide information on sequence lengths of particular genes.
4) A and B

113. **Passive immunity is obtained through injecting**
1) Antibodies
2) Vaccine
3) Antibiotic
4) Antigen

114. **Secondary immune response is generated due to**
1) Naïve B cells
2) Naïve T cells
3) NK cells
4) Memory cells

115. **Which of the following vaccines does not provide life time protection?**
1) Polio
2) DPT
3) Tetanus
4) Small Pox

116. **Newborns**
1) Receive Maternal B cells
2) Respond to antigens as good as adults
3) Have virtually a fully complement of maternal IgG antibodies
4) Receive IgM antibodies from mother through placental transfer

117. **The blood group with anti-A antibodies and anti-B antibodies is**
1) O
2) A
3) AB
4) B

118. **What is the term used to describe white blood cell migrating towards bacteria?**
1) Zeosis
2) Chemotaxis
3) Phototaxis
4) phagocytosis

119. **What is the mechanism that white blood cells used to kill bacteria, fungi and other invading organisms?**
1) Asphyxiation
2) oxidative activity
3) fright
4) drowning

120. **Which drug causes Gynecomastia, except?**
1) Cimetidine
2) Fibrates
3) Spironolactone
4) Digitalis

121. **What does graph which contains substrate concentration verses velocity curve indicate?**
1) Zero order kinetics
2) Michelis-Mentons equation
3) Inverse relation
4) All of the above

122. **All are the essential roles of pharmacovigilance programme, EXCEPT**
1) Detection of ADRs
2) Treatment of ADRs
3) Assessment of ADRs
4) Protection of ADRs

For more question papers, please visit: www.easybiologyclass.com

Print less... Save paper... Save trees....Save our Earth! EBC

123. All have the least abuse liability, EXCEPT
1) Caffeine
2) Benzodiazepines
3) Cocaine
4) Aspirin

124. The ratio of L D50 to ED50 is
1) Therapeutic Window
2) Efficacy
3) Therapeutic Index
4) Potency

125. Serum level of a drug is important to monitor, if patients is on
1) Haloperidol
2) Lithium
3) Diazepam
4) Acetazolamide

126. Which of the following is an anticoagulant?
1) Amoxycillin
2) Diltiazen
3) Heparin
4) Epinephrine

127. Drugs that counteract the effects of other drugs, for e.g. in case of poisonings, are known as:
1) Antibodies
2) Monoclonal antibodies
3) Antidotes
4) Vaccines

128. Some oral medications are designed to prevent their dissolution or disintegration in the gastric environment. They are known as:
1) Enteric-coated formulations
2) Sustained-release formulations
3) Nano-formulations
4) Depot-formulations

129. Teratogenesis refers to
1) Breeding turtles
2) Foetal abnormalities
3) Keratinization of skin
4) Treatment of cancer

130. Acetabulum is part of
1) Sternum
2) Skull
3) Pelvic girdle
4) Pectoral girdle

131. Uropygial gland is associated with
1) Shark
2) Lizard
3) Pigeon
4) Frog

132. Which of the scales are used for fish age and growth studies?
1) Cycloid
2) Placoid
3) Ganoid
4) Rhomboid

133. Halteres are modified
1) Forewings
2) Scales
3) Hindwings
4) Antennae

134. Melanocytes are located in
1) Stratum germinativum
2) Stratum corneum
3) Stratum lucidum
4) Dermis

135. Genetic engineering in crop plants is used for
1) Crop improvement
2) Plant propagation
3) Crop harvesting
4) Recycling

136. Genetically engineered crop being used in India
1) Cotton
2) Rice
3) Wheat
4) Potato

137. What is Organogenesis?
1) formation of callus tissue
2) formation of root and shoots on callus tissue
3) genesis of organs
4) Flowering

For more question papers, please visit: www.easybiologyclass.com

Print less... Save paper... Save trees....Save our Earth! EBC

ENTRANCE EXAMINATION FOR ICMR-JRF - JULY 2018
EXAM HELD ON 22.07.2018 SET A

138. **Agrobacterium tumefaciens is a**
1) gram (+) bacteria
2) gram (-) bacteria
3) a fungus
4) a yeast

139. **During photosynthesis, PS II absorbs energy at or below:**
1) 700nm
2) 670nm
3) 680nm
4) 780nm

140. **The Earth day is celebrated on:**
1) 22nd March
2) 5th June
3) 22nd April
4) 8th May

141. **Substitute of Chloro Fluoro Carbon (CFCs) used in refrigerators is:**
1) Hydroflurocarbon
2) Methane
3) Helium
4) Hydrochlorofluorocarbon

142. **What changes in the plant indicate the toxic effects of SO2 ?**
1) Falling of leaves
2) Drooping of leaves
3) Darkening of leaves
4) Bleaching of leaves

143. **Extinction of Dodo was mainly due to:**
1) Pollution
2) Introduction of pig
3) Hunting
4) Habitat Destruction

144. **Which of the following plant/s is commonly used for biodiesel production in India?**
1) Jatropha
2) Calotropis
3) Bamboo
4) Both (2) & (3)

145. **Which of the following is a bio-remedial technique?**
1) Composting
2) Oxidation
3) Reduction
4) Sedimentation

146. **Rumen is present in which of the following animals**
1) Dog
2) Cow
3) Horse
4) Poultry

147. **White leghorn is a breed of**
1) Pig
2) Dog
3) Horse
4) Poultry

148. **Principal protein in milk is**
1) Albumin
2) Lactalbumin
3) Casein
4) Globulin

149. **A sheep is called**
1) Bovine
2) Ovine
3) Canine
4) Swine

150. **Very muscular organ used to grind food in birds is called the**
1) Crop
2) Gizzard
3) Proventriculus
4) Beak

For more question papers, please visit: www.easybiologyclass.com

Please visit: ***www.easybiologyclass.com*** for:

- Lecture Notes
- Biology PPTs
- Biology MCQs
- Online Mock Tests (MCQ)
- Video Tutorials
- Practical Aids
- Model Question Papers of NET, GATE, DBT, ICMR Exams
- CSIR NET Life Sciences Previous Year Question Papers
- GATE Previous Year Question Papers
- DBT BET JRF Previous Year Question Papers
- ICMR JRF Entrance Exam Resources
- Jobs Notifications
- Higher Studies in Biology / Life Sciences
- Seminar / Workshop/ Conference Notifications
- *And many more….*

*Please subscribe our **youtube** channel: **easybiologyclass***
https://www.youtube.com/user/easybiologyclass/videos

*You can access more PDFs & PPTs from our **Slideshare** account*
http://www.slideshare.net/EasyBiologyClassEBC/

Our sister concern: ***www.angiospermtaxonomy.com***