



SN – 443

Version Code

B

B

I Semester B.A./B.Sc./B.C.A./B.Sc. (FAD) Examination,
November/December 2014
(Fresh) (CBCS) (2014 – 15 & Onwards)
ENVIRONMENT AND PUBLIC HEALTH

Question Booklet Sl. No.

101347

Time Allowed : 3 Hours

Maximum Marks : 70

INSTRUCTIONS TO CANDIDATES

1. Immediately after the commencement of the Examination, you should check that this Booklet does not have any unprinted or torn or missing pages or items, etc. If any of the above defects is found, get it replaced by a Complete Question Booklet of the available series.
2. Write clearly the Question Booklet Version Code **A, B, C, D** or **E**, in the appropriate space provided for the purpose, in the OMR Answer Sheet.
3. Enter the name of the Subject, Reg. No., Question Booklet version code and affix Signature on the OMR sheet. As the answer sheets are designed to suit the Optical Mark Reader (OMR) system, special care should be taken to fill those items accurately.
4. This Question Booklet contains **70** questions carrying equal marks. All questions must be attempted. Each question contains four answers, among them one correct answer should be selected and shade the corresponding option in the OMR sheet.
5. All the answers should be marked only on the OMR sheet provided and only with a **black** or **blue** ink ball point pen. If more than one circle is shaded / wrongly shaded / half shaded for a given question no marks will be awarded.
6. Questions are in both English and Kannada. If any confusion arises in the Kannada version, please refer to the English version of the questions.
7. Immediately after the final bell indicating the closure of the examination, stop making any further markings in the OMR Answer Sheet. Be seated till the OMR Answer Sheet is collected. After handing over the OMR Answer Sheet to the Invigilator you may leave the examination hall.

ಗಮನಿಸಿ : ಸೂಚನೆಗಳ ಕನ್ನಡ ಆವೃತ್ತಿಯು ಈ ಪುಟದ ಹಿಂಭಾಗದಲ್ಲಿ ಮುದ್ರಿಸಲ್ಪಟ್ಟಿದೆ.



13. Salumarada Thimmakka is known for (change)
a) Organic farming b) Women empowerment
c) Tree planting d) All of the above
14. Jaundice is related to the mal functioning of
a) Pancreas b) Liver c) Kidney d) Heart
15. Yoga was founded by
a) Patanjali b) Dhanvantari c) Bhagiratha d) Sushruta
16. Domestic waste contains
a) Biodegradable b) Non-biodegradable
c) Pathogenic microbes d) All of the above
17. The disease caused by Vitamin – B deficiency
a) Itai-Itai b) Scurvy
c) Beri-beri d) None of the above
18. What diseases caused due to deficiency of insulin ?
a) Diarrhoea b) Diabetes c) Cholera d) All of the above
19. The organ affected by spondylitis
a) Neck b) Kidney c) Lungs d) Heart
20. Lack of red blood cells in human body causes
a) Diphtheria b) Dysentery c) Anaemia d) Myopia
21. In 1984 Bhopal Gas Tragedy happened due to
a) Mechanical failure b) Administrative failure
c) Leakage of poisonous gas d) None of the above
22. Name the disease caused by virus
a) AIDS b) Cholera c) Diarrhoea d) Typhoid
23. The Child Labour (Prohibition and Regulation) Act of 1986 prohibits the employment of children below the age of
a) 14 years b) 15 years c) 18 years d) 16 years
24. Coolant used in refrigerators
a) CFC b) Liquid gases c) Nano liquids d) Molten metals
25. Which of these called as Umbrella Act ?
a) Environment (Protection) Act b) Air Act
c) Water Act d) Wildlife Protection Act

SPACE FOR ROUGH WORK

B



26. Biogas is a mixture of
a) Methane and carbon dioxide b) Oxygen and hydrogen
c) Methane and oxygen d) H₂S and CO₂
27. Wildlife (Protection) Act was passed in
a) 1972 b) 1982 c) 1952 d) 1955
28. Thermal pollution causes
a) Release of heavy metals b) Warming of aquatic system
c) Cooling of aquatic ecosystem d) All of the above
29. Which of the following system comes under the alternative medicine system ?
a) Homeopathy b) Naturopathy c) Ayurveda d) All of the above
30. Dialysis treatment is related to mal functioning of
a) Thyroid glands b) Kidney c) Lungs d) Pancreas
31. Homeopathy treatment has minimum side-effects
a) True b) Sometimes true
c) False d) None of the above
32. Night blindness is due to the deficiency of
a) Vitamin - B b) Vitamin - C c) Vitamin - A d) Vitamin - D
33. Addition of non-food items to food is called
a) Additives b) Mixing c) Alteration d) Adulteration
34. Which of the following is the biodiversity hotspot in India ?
a) Western Ghats b) Nanda Devi
c) Nandi Ghats d) None of the above
35. Air pollution from automobiles can be controlled by
a) Cyclone separators b) Fabric filters
c) Electrostatic precipitators d) Catalytic converter
36. O₃ stands for
a) Oxygen b) Oxide c) Ozone d) Oxygen atom
37. The 3R principle of waste management is
a) Reduce, Regain, Reuse b) Reduce, Reuse, Recycle
c) Reduce, Reform, Reset d) Retain, Reuse, Regain

SPACE FOR ROUGH WORK

B



38. Atmosphere has been polluted due to the combustion of fossil fuel
a) ~~Yes~~ b) No
c) Occasionally d) None of the above
39. The first country to recognise air pollution due to industrialization is
a) India b) America
c) ~~England~~ d) None of the above
40. Knock-Knee syndrome is caused by
a) Fluoride pollution b) Lead pollution
c) Mercuric pollution d) Arsenic pollution
41. Photochemical smog is called
a) Tokyo smog b) London smog
c) Los Angeles smog d) ~~None of the above~~
42. Which of the gas is released during photosynthesis ?
a) Methane b) Nitrogen c) ~~Oxygen~~ d) Carbon dioxide
43. The antibody responsible for allergic reaction is
a) Ig b) IgD c) ~~IgE~~ d) IgM
44. Example of E-waste
a) Plastic b) Paper
c) Industrial effluent d) ~~Mobile phone~~
45. Organic matter of solid waste can be used for production of
a) Biogas b) Compost c) Humus d) ~~Both (a) and (b)~~
46. The inherent ability of organisms to reproduce and multiply is called
a) Repetition b) Biotic potential
c) ~~Carrying capacity~~ d) None of the above
47. Smoking in public places is an offence
a) ~~Yes~~ b) In restricted places
c) In offices only d) None of the above
48. Complex network of interconnected food chain is called
a) Tropic level b) ~~Food web~~
c) Ecological pyramid d) Ecotone

SPACE FOR ROUGH WORK

B



BTR

49. Energy is measured by
a) Decibel
b) Ton
c) Calories
d) None of the above
50. Example of reusable solid waste
a) Glass
b) Paper
c) (a) and (b)
d) None of the above
51. The blood group of universal donor is
a) AB group
b) O group
c) A group
d) B group
52. The chief function of Vitamin-K is to regulates
a) Apatite
b) Blood clotting
c) Resist infection
d) All of the above
53. The gas used in artificial ripening of fruits
a) Butane
b) Acetylene
c) CNG
d) LPG
54. Fly ash from thermal power plants are used in making
a) Glass
b) Bricks
c) Ceramics
d) All of the above
55. Genetic material for HIV is
a) RNA
b) DNA
c) RNA & DNA
d) Chromosome
56. Solid waste management in Bangalore is not satisfactory because
a) Increasing population
b) Increase in per capita waste
c) Both (a) and (b)
d) None of the above
57. The Forest (Conservation) Act, 1980, is not applicable to the following state
a) Jammu & Kashmir
b) Karnataka
c) Delhi
d) Tamil Nadu
58. Transfer of medical information through technology between distant location is called
a) Audio medicines
b) Video medicines
c) Radio medicines
d) Tele medicines
59. The development which causes minimum damage to environment
a) Rapid development
b) Sustainable development
c) Progressive development
d) All of the above

SPACE FOR ROUGH WORK

B



60. Example of non-communicable disease
a) Asthama b) Cancer c) Diabetes d) All of the above
61. What is the effect caused by carbon monoxide released by automobiles ?
a) Reduces hydrogen b) Reduces CO₂
c) Reduces oxygen d) None of the above
62. Modern life style in cities has great impact on health
a) True b) Sometimes true
c) Depends on person d) None of the above
63. DDT is a chemical which is
a) Biodegradable b) Non-biodegradable
c) Semi Biodegradable d) Naturally Biodegradable pollutants
64. Discharge of sewage into lakes results in
a) Increase in BOD b) Decrease in BOD
c) Decrease in COD d) None of the above
65. 5th June is celebrated as
a) World Pollution Day b) World Population Day
c) Darwin Birth Day d) World Environment Day
66. The term ecology is used by
a) Robert Cook b) Ernst Hackle
c) Mendal d) None of the above
67. Compare to rural, urban pollution levels are
a) High b) Low
c) Occasionally increasing d) None of the above
68. The culture of an area will affect the living environment (change)
a) No b) Rarely affect
c) Yes d) None of the above
69. Deforestation generally decreases
a) Global warming b) Drought c) Soil erosion d) Rainfall
70. HIV is usually detected by
a) ELISA test b) Hybridisation
c) Gram staining d) None of the above

SPACE FOR ROUGH WORK

B