

Roll No.

Exam. Code : 0002

Sub. Code : 0104

1047

B.A./B.Sc. (General) 2nd Semester
Environment & Road Safety Education and Violence
Against Women & Children
Common to All Semester Classes
(in all mediums)

Time allowed : 90 Minutes

Max. Marks : 100

- Note :** (1) Attempt **all 100** questions. Each question carries **one** mark.
(2) Select the correct answer from the **four** given choices, **(A), (B), (C)** and **(D)** for each question and darken the corresponding bubble completely on the **OMR** answer sheet.

- Note :** (1) सभी 100 प्रश्न करें। प्रत्येक प्रश्न का एक अंक है।
(2) चार दिए गए विकल्पों **(A), (B), (C)** और **(D)** में से एक सही उत्तर प्रत्येक प्रश्न के लिए चुनें और **OMR** उत्तर-पुस्तिका पर उसके सामने बबल को पूरी तरह काला करें।

- Note:-** (1) ਸਾਰੇ 100 ਪ੍ਰਸ਼ਨ ਕਰੋ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦਾ ਇਕ ਅੰਕ ਹੈ।
(2) ਚਾਰ ਦਿੱਤੇ ਗਏ ਵਿਕਲਪਾਂ **(A), (B), (C)**, ਅਤੇ **(D)** ਵਿੱਚੋਂ ਇਕ ਸਹੀ ਉਤਰ ਦੀ ਚੋਣ ਕਰੋ, ਅਤੇ **OMR** ਉਤਰ-ਸ਼ੀਟ ਉਪਰ ਬਬਲ ਨੂੰ ਪੂਰੀ ਤਰ੍ਹਾਂ ਕਾਲਾ ਕਰੋ।

Total Printed Pages : 64

P.T.O.

UNIT-I

(ENVIRONMENTAL EDUCATION)

- 01.** Biosphere is :
- (A) The solid shell of inorganic materials on the surface of the Earth
 - (B) The thin shell of organic matter on earth's surface comprising of all the living things
 - (C) The sphere which occupies the maximum volume of all of the spheres
 - (D) All of the above
- 02.** Earth's atmospheric temperatures are likely to be increased due to :
- (A) Burning of fossil fuels
 - (B) Water pollution
 - (C) Soil erosion
 - (D) None of the above
- 03.** Which of the following is suitable measure to control air pollution ?
- (A) Regulations and standards
 - (B) Emissions charges
 - (C) Transport planning
 - (D) All of the above
- 04.** Biome is a group of :
- (A) Animals
 - (B) Ecosystem
 - (C) Microbes
 - (D) Plants
- 05.** Primary Pollutants persists in air in which form ?
- (A) Organic
 - (B) Inorganic
 - (C) As suspended Particulate matter
 - (D) Remain Unchanged

- 06.** Chipko Movement is associated with the conservation of which of the following ?
- (A) Tigers
 - (B) Soil
 - (C) Trees
 - (D) Water
- 07.** Which of the following links to Asiatic Lion ?
- (A) Periyar
 - (B) Ranthambore
 - (C) Gir
 - (D) Corbett
- 08.** Congress grass is the popular name of :
- (A) Parthenium
 - (B) Lantana
 - (C) Calotropis
 - (D) Accacia
- 09.** Nitrogen constitute% of the atmosphere :
- (A) 79
 - (B) 21
 - (C) 57
 - (D) 42
- 10.** Biodiversity can be studied at :
- (A) Species level
 - (B) Genetic level
 - (C) Ecosystem level
 - (D) All of the above levels
- 11.** CBD stands for :
- (A) Convention on Biological Diversity
 - (B) Convention of Biota
 - (C) Convention on Biogeography
 - (D) Convention on Biomes

12. The lowest dense part of earth's atmosphere is known as :
(A) Troposphere
(B) Ionosphere
(C) Stratosphere
(D) Hydrosphere
13. Ganga action plan was launched in :
(A) 1986
(B) 1985
(C) 1987
(D) 1990
14. Harike wetland and bird sanctuary are facing the problem of which weed ?
(A) Lantana
(B) Water hyacinth
(C) Parthenium
(D) Ageratum
15. Indian Cheetah and Dodo bird are :
(A) Vulnerable species
(B) Extinct species
(C) Threatened species
(D) Rare species
16. Which of the following has been the latest nuclear accident ?
(A) Tomsk
(B) Fukushima
(C) Tsuruga
(D) Ishikawa
17. June 5 is celebrated as :
(A) World Environment Day
(B) Darwin's Birthday
(C) World Population Day
(D) None

18. Which part of the atmosphere screens out the harmful radiation from the sun ?
- (A) Oxygen
 - (B) Carbon
 - (C) Ozone
 - (D) Nitrogen
19. What gas emitted by power stations causes acid rain ?
- (A) Oxygen
 - (B) Sulphur dioxide
 - (C) Methane
 - (D) Carbon monoxide
20. Hydrosphere is :
- (A) Combined mass of water found on, under and over the surface of a planet
 - (B) The thin shell of organic matter on the surface of earth comprising of all the living things
 - (C) The sphere which occupies the maximum volume of all of the spheres
 - (D) All of the above
21. Who gave the 'GAIA' Theory ?
- (A) W. M. Davis
 - (B) Norman Mayer
 - (C) James Lovelock
 - (D) Laplace
22. The following pollutant is **not** contained in the vehicular exhaust emissions :
- (A) Lead
 - (B) Ammonia
 - (C) Carbon monoxide
 - (D) Particulate matter

- 23.** The GAP (Ganga Action Plan)- a project to clean up the polluted waters of the Ganga plans to intercept and divert municipal sewage falling into the river from 25 large urban conglomerates in three states. Name them :
- (A) UP, Haryana and Punjab
 - (B) UP, Bihar and West Bengal
 - (C) HP, UP, Haryana
 - (D) Bihar, Orissa and West Bengal
- 24.** What is the primary source of food for marine life ?
- (A) Phytoplankton
 - (B) Zooplankton
 - (C) Sea Weed
 - (D) Grass
- 25.** Kyoto Protocol is associated with :
- (A) Global Warming
 - (B) Ozone depletion
 - (C) Sea level increase
 - (D) Soil Pollution
- 26.** In India, the Environment Protection Act was implemented in :
- (A) 1956
 - (B) 1986
 - (C) 1996
 - (D) 2006
- 27.** Which of the following is a disadvantage of most of the renewable energy sources ?
- (A) Highly polluting
 - (B) High waste disposal cost
 - (C) Unreliable supply
 - (D) High running cost

28. Which of the following statements is **false** ?
- (A) Inorganic nutrients are recycled in an ecosystem
 - (B) Energy "flows" through the ecosystem in the form of carbon-carbon bonds
 - (C) Energy is recycled in an ecosystem
 - (D) Respiration process releases energy
29. Geothermal energy is :
- (A) Energy harvest from coal
 - (B) Energy harvest from petroleum
 - (C) Energy harvest from thermal plants
 - (D) Energy harvest from natural heat produced in the earth
30. One of the following is **not** the part of 3R approach :
- (A) Repair
 - (B) Reduce
 - (C) Reuse
 - (D) Recycle
31. pH value of potable water is :
- (A) 10 - 11.5
 - (B) 6.5 - 8.0
 - (C) 3.5 - 5.5
 - (D) 10.0 - 11.0
32. Hearing range of a normal healthy person is :
- (A) 2 - 20 Hz
 - (B) 20 - 200 Hz
 - (C) 20 Hz - 20 KHz
 - (D) 20 KHz - 200 KHz

- 33.** Which of the following trees are grown for commercial purpose in social forestry ?
- (A) Kikkar and Jamun
 - (B) Shisham and Mango
 - (C) Safeda and Poplar
 - (D) Mango and Jamun
- 34.** Under which Act 'noise' has been specifically included as one of the pollutant :
- (A) The Environment (Protection) Act, 1986
 - (B) The Water (Prevention and Control of Pollution) Act, 1974
 - (C) The Air (Prevention and Control of Pollution) Act, 1981
 - (D) The Forest Act, 1980
- 35.** How many countries participated in the Copenhagen Summit, 2010 ?
- (A) 184
 - (B) 156
 - (C) 192
 - (D) 193
- 36.** Species that have a major impact on ecosystem is known as :
- (A) Flag species
 - (B) Keystone species
 - (C) Pioneer species
 - (D) Crown species
- 37.** UNFCCC stands for :
- (A) United Nations Framework Controversies on Climate Change
 - (B) United Nations Framework Convention on Climate Change
 - (C) United Nations Freedom Control on Climate Change
 - (D) United Nations Framework Convention on Carbon Credits

38. Which of the following is **not** an air pollutant ?
- (A) Noise
 - (B) SO_2
 - (C) Surface run off
 - (D) NO_2
39. Which of the following pollutant emitted from vehicles will have maximum impact on respiratory system ?
- (A) CO_2
 - (B) SO_2
 - (C) PM_{10}
 - (D) $\text{PM}_{2.5}$
40. Which of the following is **not** a water borne disease ?
- (A) Schistosomiasis
 - (B) Parkinson disease
 - (C) Gastroenteritis
 - (D) Typhoid
41. The Greenhouse Effect was discovered by :
- (A) John Tyndall
 - (B) Joseph Fourier
 - (C) R. K. Pachauri
 - (D) Arrhenius
42. Which one of the following is **not** suitable for medical waste disposal ?
- (A) Autoclaving
 - (B) Incineration
 - (C) Composting
 - (D) Chemical disinfection

43. Which of the following is **not** used in Organic Farming ?
- (A) Crop Rotation
 - (B) Organic Manures
 - (C) Biofertilizers
 - (D) Synthetic Chemicals
44. The biggest biodiversity hot spot of the world is :
- (A) Indo-Myanmar Region
 - (B) Western Ghats of India
 - (C) Atlantic Forest Region of Brazil
 - (D) Western Ecuador
45. Reverse Osmosis is a type of :
- (A) Dead end filtration system
 - (B) Cross flow filtration system
 - (C) Ion exchange method
 - (D) Micro filtration
46. The removal of carbon dioxide from the earth's atmosphere and the provision of long term storage of carbon in the terrestrial biosphere is known as :
- (A) Carbon sequestration
 - (B) Carbon dating
 - (C) Carbon fixing
 - (D) Photosynthesis
47. The Wildlife Week is celebrated on :
- (A) 1 - 7 June
 - (B) 1 - 7 November
 - (C) 1 - 7 October
 - (D) 11 - 17 October

- 48.** Blue Baby Syndrome is caused by :
- (A) Arsenic
 - (B) Chromium
 - (C) Chlorides
 - (D) Nitrates
- 49.** The term MAB stands for :
- (A) Man and Biology Programme
 - (B) Man and Biosphere Programme
 - (C) Mammal and Biology Programme
 - (D) Mammal and Biosphere Programme
- 50.** A trophic level refers to :
- (A) Area in the tropics
 - (B) An organism's position in a food chain
 - (C) An organism's position in an ecosystem
 - (D) An organism's position in a biome

UNIT-II
(ROAD SAFETY EDUCATION)

- 51.** The objective of the Traffic Warden Scheme :
- (A) To appoint traffic police officials
 - (B) To appoint traffic wardens
 - (C) To appoint traffic women police employees
 - (D) To appoint traffic citizens volunteers
- 52.** Medical certificate is compulsory for :
- (A) Private Vehicles
 - (B) Light Motor Vehicles
 - (C) Commercial Vehicles
 - (D) Two-wheelers
- 53.** Validity of driving license for vehicles carrying hazardous chemicals is :
- (A) One year
 - (B) Three years
 - (C) Five years
 - (D) Twenty years
- 54.** At roundabout, traffic from which direction have the Right to Enter ?
- (A) Traffic to your left
 - (B) Traffic to your right
 - (C) Traffic from front
 - (D) Traffic from anywhere
- 55.** Precautions during foggy conditions :
- (A) Use of fog lights
 - (B) Use of slow speed and fog lights
 - (C) Use of high beam
 - (D) Use of slow speed and high beam

- 56.** Motor Vehicle Act was enacted in :
(A) 1989
(B) 1988
(C) 1984
(D) 1982
- 57.** Traffic Engineering relates to :
(A) Road geometry
(B) Sidewalks and Crosswalks
(C) Cycling infrastructure
(D) All of the above
- 58.** Objective of Road Safety Audit :
(A) To challan vehicles
(B) To ensure compliance of road rules
(C) To evaluate working of traffic police
(D) To evaluate road and traffic control systems
- 59.** Penalty for use of mobile during driving :
(A) ₹ 100
(B) ₹ 5,000
(C) ₹ 3,000
(D) ₹ 1,000
- 60.** Categories of road signs does **not** include :
(A) Hand signs
(B) Regulatory signs
(C) Warning signs
(D) Informatory signs
- 61.** Maximum weight load for rickshaw with no passenger :
(A) 100 kgs
(B) 10 kgs
(C) 70 kgs
(D) 50 kgs

62. School bus should be painted with :
(A) Yellow color with green strip
(B) Yellow color with silver strip
(C) Yellow color with blue strip
(D) Yellow color with red strip
63. Penalty for driving without Helmet :
(A) ₹ 200
(B) ₹ 100
(C) ₹ 500
(D) ₹ 800
64. Application Form no. 20 relates to :
(A) Duplicate License
(B) Permanent License
(C) Registration of Vehicles
(D) Income Tax Information
65. Flashing yellow signal signifies :
(A) Road is clear
(B) Intersection is existing
(C) Slow speed; school ahead
(D) Slow speed; proceed with caution
66. Highway Assessment Programme is concerned with :
(A) Road safety audit through camera recording
(B) Measuring speed of vehicles
(C) Cycling infrastructure
(D) Vehicle risk insurance

67. Traffic awareness among citizens does **not** includes :

- (A) Traffic Drills
- (B) Traffic Law Enforcement
- (C) Traffic Parades
- (D) Traffic Awareness Campaigns.

68. Section 129 of Motor Vehicles Act, 1988 relates to :

- (A) Seatbelt standards of BIS
- (B) Helmet standards of BIS
- (C) Horn Standards of BIS
- (D) None of the above

69. What does this sign indicates :



- (A) No right turn
- (B) Overtaking prohibited
- (C) No entry
- (D) Go straight only

70. What does this sign indicates :



- (A) No entry
- (B) Trucks prohibited
- (C) Vehicles prohibited
- (D) Four wheelers prohibited

UNIT-III
(VIOLENCE AGAINST WOMEN & CHILDREN)

- 71.** Law provides for punishment against :
- (A) Domestic violence against women
 - (B) Sexual violence against women
 - (C) Sexual harassment against women at workplace
 - (D) All of the above
- 72.** Which of the following is/are type of the violence against children ?
- (A) Physical violence
 - (B) Emotional violence
 - (C) Abandonment
 - (D) All of the above
- 73.** In which law the modesty of women defined as an offence ?
- (A) Indian Penal Code
 - (B) The Constitution of India
 - (C) Indian Contract Act
 - (D) Motor Vehicle Act
- 74.** In which year 'stalking' has been made an offence ?
- (A) 2017
 - (B) 2016
 - (C) 2015
 - (D) 2013

75. The offences of hurt and grievous hurt can be committed against :
- (A) Male
 - (B) Female
 - (C) Children
 - (D) All of the above
76. Dowry death can be committed against :
- (A) Newly wedded wife
 - (B) Husband
 - (C) Children
 - (D) Pillion rider
77. Protection officers are appointed under the :
- (A) Criminal Procedure Code
 - (B) Indian Penal Code
 - (C) Protection of Women from Domestic Violence Act
 - (D) None of the above
78. Acid attack is an offence under sections of IPC :
- (A) 326 & 326 A
 - (B) 326 A & 326 B
 - (C) 327 & 327
 - (D) 327 & 328
79. What is the full name of POCSO ?
- (A) Protection of Children from Sexual Objectives Act
 - (B) Protection of Children from Sexual Offences Act
 - (C) Promotion of Children from Sexual Objections Act
 - (D) Prevention of Children from Sexual Offences Act

80. Who among the following is/are part of POCSO ?
- (A) Doctors
 - (B) Psychologists
 - (C) Mental experts
 - (D) All of the above
81. Which of the following is **true** about kidnapping ?
- (A) Minor in age
 - (B) Taking without consent
 - (C) From lawful guardianship
 - (D) All of the above
82. Which sections of the IPC provide for the selling and buying minor for prostitution ?
- (A) 372 & 373
 - (B) 375 & 376
 - (C) 361 & 362
 - (D) All of the above
83. For the purpose kidnapping the age of the male is :
- (A) 14
 - (B) 16
 - (C) 18
 - (D) 21
84. A man is said to have committed rape, if he has done it :
- (A) Against her will
 - (B) With her will
 - (C) With her consent
 - (D) Only if she is minor

85. Under section 376A, a man can be punished for marital rape if his wife is living separately from him :
- (A) Under a decree of separation
 - (B) Under any custom or usage
 - (C) Both (A) & (B) above
 - (D) Neither (A) nor (B)
86. The punishment for the offence of miscarriage is :
- (A) 3 years
 - (B) 5 years
 - (C) 7 years
 - (D) 11 years
87. What is the maximum punishment provided for the offence of rape ?
- (A) 7 years
 - (B) 11 years
 - (C) 13 years
 - (D) Life imprisonment
88. What is the minimum punishment provided for the offence of rape ?
- (A) 7 years
 - (B) 5 years
 - (C) 3 years
 - (D) 1 year
89. Whoever by force compels, or by any deceitful means induces, any person to go from any place, is said to have committed the offence of ?
- (A) Thug
 - (B) Rioting
 - (C) Rape
 - (D) Abduction

- 90.** Punishment for rape is provided under section :
- (A) 375
 - (B) 376
 - (C) 375 & 376
 - (D) None of the above
- 91.** What is main objective of the Protection of Women from Domestic Violence Act, 2005 ?
- (A) To separate wife from the husband
 - (B) To save both husband and wife from each other
 - (C) To provide for more effective protection of the rights of women
 - (D) An Act to provide for more effective protection of the rights of citizens guaranteed under the Constitution
- 92.** Who shall pass protection order under Protection of Women from Domestic Violence Act, 2005 ?
- (A) Judicial Magistrate
 - (B) High Court
 - (C) Supreme Court
 - (D) None of the above
- 93.** What is the main objective of the POCSO Act, 2012 ?
- (A) To protect children from offences of sexual assault
 - (B) To protect children from pornography
 - (C) To establish special courts
 - (D) All of the above
- 94.** What is age of protection under POCSO Act ?
- (A) 16 years
 - (B) 18 years
 - (C) 21 years
 - (D) None of the above

- 95.** What is the minimum punishment provided under POCSO Act ?
(A) 6 months
(B) 1 year
(C) 2 year
(D) 3 years
- 96.** What is objective of the Sexual Harassment of Women at the Workplace (Prevention, Prohibition and Redressal) Act ?
(A) To provide for protection from sexual harassment to women at home
(B) To provide for protection from marital rape to women at home
(C) To provide for protection from sexual harassment to women at workplace
(D) To provide for entertainment to women at workplace
- 97.** Section 498A of IPC provides protection to :
(A) Men
(B) Women
(C) Children
(D) None of the above
- 98.** Which provision of the IPC provides for punishment for buying human being as a slave ?
(A) Section 327
(B) Section 370
(C) Section 379
(D) Section 414
- 99.** What is the punishment for intruding upon privacy of women under section 509 of IPC ?
(A) 10 years
(B) 7 years
(C) 3 years
(D) 1 year

100. Whoever causes bodily pain, disease or infirmity to any person is said to cause ?

- (A) Cruelty
- (B) Abortion
- (C) Hurt
- (D) Grievous hurt