

Section 1 - Section 1

Question No.1

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Bookmark

EIA is related to

- Environmental impact activities
- Environmental and industrial activities
- Environmental impact assessment
- Environmental internal activities

Question No.2

4.00

Bookmark

Absorbed wavelengths in atomic absorption spectrum appear as

- Dark lines
- Light background
- Dark background
- Light lines

Question No.3

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Bookmark

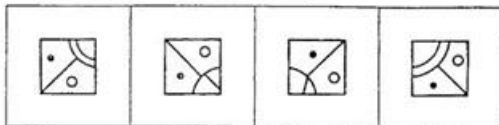
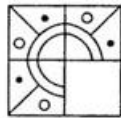
Which of the following can be threats to the biodiversity of a geographical area

- Global warming
- Invasion of Alien species
- Fragmentation of habitat
- Promotion of vegetarianism

Question No.4

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- (A) D
- (B) B
- (C) C
- (D) A

Question No.5

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Bookmark

BOD/COD ratio will always be

- Equal to 1
- Less than 1
- More than 1
- None of the above

Question No.6

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Bookmark

Lichens growing on rocks are called

- Lignicoles
- Tervicoles
- Saxicoles
- Corticoles

Question No.7

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Bookmark

Which of the following is not a marine pollutant?

- Plastics
- Dissolved oxygen
- Oil
- All of the above

Question No.8

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Bookmark

Which is concerned with conservation of forests

- Kaziranga
- Silent valley
- Gir
- Ghana

Question No.9

4.00

Bookmark

Quinine is obtained from bark of

- Magniferaindica*
- Cinchona*
- Cedrellatoona*
- Atropabelladona*

Question No.10

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Bookmark

When huge amount of sewage is dumped into a river, its B.O.D. will

- Remain unchanged
- Increase
- Decrease.
- Slightly decrease

Question No.11

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Bookmark

COHb stands for

- Carbonmonooxide
- Carbonmonoglobin
- Carboxyhemoglobin
- Carbon dioxide

Question No.12

4.00

Bookmark

Choose the best synonym of the italicized word.

Each one of us is the subject of *derision* at some time or the other in our life.

- criticism
- laughter
- irony
- ridicule

Question No.13

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Bookmark

In gel electrophoresis fragments are separated on basis of

- Size
- Charge
- Both A&B
- Temperature sensitivity

Question No.14

4.00

Bookmark

Choose the correct meaning of the italicized idiom.

Sheela's work seems to be a *Penelope's web*.

- Declining
- Difficult
- In her best form
- Endless

Question No.15

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Bookmark

Which era is counted as the age of Mammals

- Palaeozoic
- Archeozoic
- Cenozoic
- Mesozoic

Question No.16

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Bookmark

In coming years, skin related disorders will be more common due to

- Water pollution
- pollutants in air
- Depletion of ozone layer
- use of detergents

Question No.17

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Bookmark

The amount of living material in different trophic levels in a component population is known as

- Functional kingdom
- Ecological niche
- Standing crop
- Ecological pyramid

Question No.18

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Bookmark

The system resulting from the integration of all the living and non-living factors of the environment who proposed this regarding ecosystem

- Karl mobius
- Friederichs
- A.G Tansley
- V.V Dokychaev

Question No.19

4.00

Bookmark

Study the following information carefully and answer the question below it

The Director of an MBA college has decided that six guest lectures on the topics of Motivation, Decision Making, Quality Circle, Assessment Centre, Leadership and Group Discussion are to be organised on each day from Monday to Sunday.

(i) One day there will be no lecture (Saturday is not that day), just before that day Group Discussion will be organised.

(ii) Motivation should be organised immediately after Assessment Centre.

(iii) Quality Circle should be organised on Wednesday and should not be followed by Group Discussion

(iv) Decision Making should be organised on Friday and there should be a gap of two days between Leadership and Group Discussion

How many lectures are organised between Motivation and Quality Circle?

- Three
- Four
- Two
- One

Question No.20

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Choose the missing term: 3F,6G,11I,18L, ?

- 27O
- 28Q
- 27P
- 26N

Question No.21

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It takes eight hours for a 600 km journey, if 120 km is done by train and the rest by car. It takes 20 minutes more, if 200 km is done by train and the rest by car. The ratio of the speed of the train to that of the cars is:

- 1:4
- 1:2
- 3:4
- 2:3

Question No.22

4.00

Bookmark

Choose the correct meaning of the italicized idiom.

He had great difficulty to *save his bacon* when he was blackmailed.

- Save pork
- Escape death
- Put bacon in the refrigerator
- Threaten somebody

Question No.23

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Bookmark

In a code language, 321 means "Hot Black Coffee", 536 means "Very Hot Summer", and 589 means "Summer and Winter". Which digit stands for "Very" ?

- 6
- 5
- 9
- 3

Question No.24

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The property of sewage content being decomposed through microbial action is known as

- Denitrification
- Putrescibility
- Eutrophication
- Putrifaction

Question No.25

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Bookmark

Which of the following is not a micro consumer

- Bacteria
- Fungi
- Actinomycetes
- Rabbit

Question No.26

4.00

Bookmark

BOD is

- A measure of the organic matter presents in water
- Usually less than COD
- Biochemical oxygen demand
- All of the above

Question No.27

4.00

Bookmark

Which of the following is a major environmental issue in mining activities?

- Water pollution
- Soil Degradation
- Air pollution and Dust
- All of the above

Question No.28

4.00

Bookmark

With reference to Biological Oxygen Demand (BOD) and Chemical Oxygen Demand (COD), consider the following statements

1. BOD is a measurement of consumed oxygen by aquatic microorganisms to decompose organic matter.
2. COD refers to the requirement of dissolved oxygen for the oxidation of organic constituents.

Which of the statements given above is/are correct?

- 2 only
- Both 1 and 2
- 1 only
- Neither 1 nor 2

Question No.29

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Bookmark

Secondary pollutants are more potent than primary pollutant due to the phenomenon of

- Synthesis
- Degradation
- Condensation
- Synergism

Question No.30

4.00

Bookmark

Chromatography is used to separate

- Molecules
- Atoms
- Solution
- Mixtures

Question No.31

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Which of the following blood group is a universal recipient

- B
- O
- AB
- A

Question No.32

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Which of the following evidences support the theory of gradual rise in air temperature and consequent global warming?

1. Spreading of tropical diseases towards temperate regions.
2. Downward shifting of snow lines of tropical mountains.
3. Freezing of permafrost areas.

Select the correct answer using the codes given below.

- 1 only
- 2 and 3 only
- 1 and 3 only
- 1 and 2 only

Question No.33

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Bookmark

Biogas is principally a mixture of

- Ethanol and Hydrogen
- Methane and Ethylene
- Butane and Oxygen
- Methane and Hydrogen

Question No.34

4.00

Bookmark

In which atmospheric zone, ozone layer exist

- Ionosphere
- Troposphere
- Stratosphere
- Thermosphere

Question No.35

4.00

Bookmark

Origin of new species and genera is

- Co- evolution
- Micro evolution
- Mega evolution
- Macro evolution

Question No.36

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Bookmark

Which one of the following links biotic and abiotic components of the ecosystems

- Biochemical structure
- Phenotypic structure
- Genotypic structure
- All of the these

Question No.37

4.00

Bookmark

The cell wall of fungi is composed of

- Cellulose
- Cutin
- Chitin
- Hemicellulose

Question No.38

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Bookmark

Recyclable plastics is

- LDPE
- Polyurethane foam
- Nylon
- Poly carbonate

Question No.39

4.00

Bookmark

Based on the given information, answer the following question.

1. Six friends P,Q,R,S,T and U are members of a club and play different games of Football, Cricket, Tennis, Basketball, Badminton and Volleyball
2. T who is taller than P and S plays Tennis.
3. The tallest among them plays Basketball.
4. The Shortest among them plays volleyball.
5. Q and S neither play Volleyball nor Basketball.
6. R plays Volleyball
7. T is between Q who plays Football and P in order of height

What does S Play?

- Cricket
- Badminton
- Either Cricket or Badminton
- None of the above

Question No.40

4.00

Bookmark

Which of the following statements is/are correct with regard to Ozone Depletion

- 1 Ozone hole is measured in terms of ozone concentrations, which is expressed in Dobson units.
- 2 The major cause for Ozone Depletion is the presence of CFCs in stratosphere – CFCs are entirely man made and not found naturally.

- 1 only
- 2 Only
- Both A&B
- None

Question No.41

4.00

Bookmark

Trophic structure and function of successive trophic levels i.e producers, herbivores, and carnivores may be shown graphically by means of

- A biotic component
- Biotic component
- Ecological pyramid
- Natural ecosystem

Question No.42

4.00

Bookmark

Micro consumers are popularly known as

- Secondary consumer
- Primary consumer
- Decomposers
- Tertiary consumer

Question No.43

4.00

Bookmark

Tendency of pollutants to become concentrated in successive trophic levels is known as

- Biopiracy
- Bioremediation
- Biomagnification
- Biorhythm

Question No.44

4.00

Bookmark

Competition for light, nutrients and space is most severe between

- Closely related organisms growing in the same area/niche
- Distantly related organisms growing in the same habitat
- Distantly related organisms growing in different niches. (1988)
- Closely related organism growing in different niches

Question No.45

4.00

Bookmark

Phytochelatin, a protein is found in roots of

- Plants growing in saline water
- Plants growing in non - metal polluted water
- Plants growing in metal polluted water
- Plants growing in icy water

Question No.46

4.00

Bookmark

Which percent of area in the planet should be under forest

- 17%
- 33%
- 21%
- 25%

Question No.47

4.00

Bookmark

Ramesh had a cold and couldn't go to the party, so I bought him a cake to make up for his _____

- disillusion
- disgust
- disappointment
- depression

Question No.48

4.00

Bookmark

The last community in a succession is called

- Climax community
- Seral community
- Ecotone
- Ecosystem

Question No.49

4.00

Bookmark

Find out the missing term:

1, 2, 3, 6, 11, 20, 37, 68, ?

- 126
- 105
- 125
- 124

Question No.50

4.00

Bookmark

Which of the following may be upright (or) inverted depending on the nature of the food chain in the particular ecosystem

- Pyramid of number
- Pyramid of energy
- Pyramid of biomass
- Both A&B

Question No.51

4.00

Bookmark

Red data book is maintained by

- MAB
- WCU
- IBWL
- UNDP

Question No.52

4.00

Bookmark

Abiotic is a

- Living component
- Non- living component
- Both A&B
- None of the above

Question No.53

4.00

Bookmark

The cryopreservation is

- Preservation at very low temperature
- Preservation through exposure to irradiation
- Preservation of living beings in chemicals
- Preservation through use of gases

Question No.54

4.00

Bookmark

Movement of minerals in plant roots through diffusion is

- Osmosis
- Active absorption
- Endosmosis
- Passive absorption

Question No.55

4.00

Bookmark

The human activity, among the following, which causes maximum environmental pollution having regional and global impact, is

- Agriculture
- Urbanization
- Industrialization
- Mining

Question No.56

4.00

Bookmark

World Environment Day is celebrated every year on

- 18th July
- 5th June
- 5th May
- 5th July

Question No.57

4.00

Bookmark

World Environment is derived from

- English
- Italy
- German
- French

Question No.58

4.00

Bookmark

Both partners are beneficially associated in an obligatory fashion is

- Parasitism
- Commensalism
- Mutualism
- Ammensalism

Question No.59

4.00

Bookmark

Based on the information given, answer the below question.

1. A,B,C,D,E and F are travelling in a bus.
2. There are two reporters, two mechanics, one photographer and one writer in the group.
3. Photographer A is married to D who is a reporter.
4. The writer is married to B who is of the same profession as that of F.
5. A,B,C,D are two married couples and no one in this belong to the same profession.
6. F is the brother of C.

How is C related to F?

- Brother-in-law
- Brother
- Cannot be determined
- Sister

Question No.60

4.00

Bookmark

Which of the following is the best example of sympatric speciation

- Polyploidy in plants
- Peppered moth
- Convergent evolution
- Darwin's finches

Question No.61

4.00

Bookmark

Who proposed energy flow diagram of root spring

- Teal
- E.P.Odum
- H.T. Odum
- A.G. Tansley

Question No.62

4.00

Bookmark

X-ray diffraction fails to detect the presence of substances

- Containing a high concentration of carbon
- Comprosing elements with two or more isotopes
- Containing a magnetic field
- Comprising less than 5 percent of the mixture

Question No.63

4.00

Bookmark

What type of radiation is trapped on the earth's surface by the green house effect?

- UV rays
- X-rays
- ? –rays
- IR rays

Question No.64

4.00

Bookmark

Which of the following countries suffer from the acid rains

- Canada
- Germany
- Norway
- France

Question No.65

4.00

Bookmark

What is the name of an instrument used to measure the absorbance of a colored compound in solution

- Calorimeter
- Coulometer
- Colourmeter
- Colorimeter

Question No.66

4.00

Bookmark

Which of the following categories of worms are preferred in commercial Vermicomposting

- Anecic
- Endogeic
- Epigeic
- All of these

Question No.67

4.00

Bookmark

Which one of these is an example of ex – situ conservation

- National park
- Sacred groove
- Wildlife Sanctuary
- Seed bank

Question No.68

4.00

Bookmark

..... is a biodiversity hotspot in India

- Eastern Ghats
- Sunderban
- Gangetic basin
- Western Ghats

Question No.69

4.00

Bookmark

Which of the following nitrogenous base is not found in DNA

- Thymine
- Adenine
- Guanine
- Uracil

Question No.70

4.00

Bookmark

The dehiscence of moss capsule takes place by the rapture of the following

- Calyptra
- Peristome
- Operculum
- Annulus

Question No.71

4.00

Bookmark

Bentham and Hooker in their “Genera Plantarum” proposed the classification of

- Tracheophytes
- Angiosperms
- Plant kingdom
- Phanerogames

Question No.72

4.00

Bookmark

Assertion: - India’s president is appointed on a five-year term

Reason: -PratibhaPatil was appointed as India’s first woman president in 2007

- Both A and R are true and R is not the correct explanation of A
- A is false but R is true
- A is true but R is false
- Both A and R are true and R is the correct explanation of A

Question No.73

4.00

Bookmark

Resin, timber and pulp yielding plant is

- Dalbergia*
- Quercus*
- Eucalyptus*
- Pinus*

Question No.74

4.00

Bookmark

The species with thin population confined within restricted area is known as

- Threatened
- Foundation species
- Endangered
- Rare

Question No.75

4.00

Bookmark

Identify the underlined part of speech:

Sorry, I don't know any foreign languages

- pronoun
- adverb
- adjective
- noun

Question No.76

4.00

Bookmark

Abiotic environment does not include

- Plants
- Air
- Soil
- Water

Question No.77

4.00

Bookmark

The pollution which does not persistent harm to life supporting system is

- Noise pollution
- Radiation pollution
- Organochlorine pollution
- All of these

Question No.78

4.00

Bookmark

Winds must have a speed above miles/ hour to turn the turbines efficiently

- 12
- 25
- 5
- 20

Question No.79

4.00

Bookmark

The assemblage of all the populations of different species that function as an integral unit through metabolic transformation in a specific area is called

- Biotic community
- Biome
- population
- Ecosystem

Question No.80

4.00

Bookmark

Basic unit of classification is

- Genus
- Species
- Family/ Sub- species
- Order/ Variety

Question No.81

4.00

Bookmark

Good restaurants serving pure vegetarian food are very hard to _____.

- get in
- come by
- go through
- take to

Question No.82

4.00

Bookmark

Choose the correct meaning of the italicized idiom.

Anil got me into trouble by giving a *false colour* to my statement.

- Giving good impression
- Giving a wrong colour box
- Giving a wrong character
- Colouring the sentence

Question No.83

4.00

Bookmark

Soil conservation is

- Erosion of soil
- Aeration of soil
- Protection against loss.
- Conversion of sterile soil into fertile one

Question No.84

4.00

Bookmark

The pyramid that cannot be inverted in a stable ecosystem is the pyramid of

- Energy
- Number
- Biomass
- All of these

Question No.85

4.00

Bookmark

Herbivores are also known as

- Secondary consumer
- Primary consumer
- Tertiary consumer
- Autotrophs

Question No.86

4.00

Bookmark

Abiotic is also called

- Community
- Population
- Physical environment
- Minerals

Question No.87

4.00

Bookmark

Mulching helps in

- Moisture conservation
- Weed control
- Improvement of soil structure
- Increase soil fertility

Question No.88

4.00

Bookmark

Which of the following groups of gases contribute to the Green House Effect

- Ammonia and Ozone
- Carbon dioxide and methane
- Carbontetrafluride and Nitrous oxide
- Carbon mono – oxide and sulphur di-oxide

Question No.89

4.00

Bookmark

Transition zone between two ecosystems is

- Ecocline
- Ecosphere
- Ecotone
- Ecotype

Question No.90

4.00

Bookmark

Citric acid fermentation is brought about by

- Penicilliumcitrinum*
- Rhizopusnigricans*
- Lactobacillus bulgaricus*
- Aspergillus niger*

Question No.91

4.00

Bookmark

Statements: Some bats are snakes, No snake is dangerous

Conclusion:

I. Some dangerous animals are snakes

II. Some bats are not dangerous.

- If neither I nor II follows
- If only conclusion I follows
- If only conclusion II follows
- If either I or II follows

Question No.92

4.00

Bookmark

The winged pollen grain is characteristic feature of

- Cycus*
- Ephedra*
- Pinus*
- Gnetum*

Question No.93

4.00

Bookmark

Obtain the missing term.

300, 296, 287, 271, ?, 210

- 246
- 250
- 244
- None of the above

Question No.94

4.00

Bookmark

Select the option which improves the underlined part of the sentences.

The Prime Minister called on the President.

- in
- to
- by
- No improvement

Question No.95

4.00

Bookmark

Distillation of wine is necessary because it

- increases duality
- No action in nature of wine
- Prevents further fermentation and spoilage of wine
- Decreases toxicity

Question No.96

4.00

Bookmark

Choose the best antonym of the italicized word.

Ravi and Raghu are really *obstinate* men.

- considerate
- friendly
- understanding
- compliant

Question No.97

4.00

Bookmark

Biotic community which shows number of feeding connections is categorised as

- Pyramid of number
- Tropic levels
- Food web
- Food chain

Question No.98

4.00

Bookmark

Deforestation is the major causal agent of

- Environmental pollution
- Depletion of natural resources
- Genetic erosion
- Desertification of habitat

Question No.99

4.00

Bookmark

Electro – chemical gradient theory of mineral salts absorption was proposed by

- P. Mitchell
- Pfeffer
- Bennet Clark
- Lundegardh

Question No.100

4.00

Bookmark

The largest amount of fresh water on planet is available in

- Lakes and streams
- Rivers
- Undergrounds
- Polar icecaps and glaciers