

Section 1 - Section 1

Question No.1

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Bookmark

Which phase of *Plasmodium's* life cycle is transmitted by mosquito to human beings

- Sporozoits
- Gametocyte
- Oocyst
- Schizont

Question No.2

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Bookmark

The maximum density of *Microfilaria* in blood is found between

- 5 pm - 8 am
- 10 pm - 2 am
- 7 am - 11 am
- 3 pm - 6 pm

Question No.3

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Bookmark

Nymph stage is found in

- Ticks
- Sand flies
- Houseflies
- Mosquitoes

Question No.4

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Bookmark

Wasp commercially available from Bio-Control Research Laboratory, Bengaluru for house fly control is

- Vespa*
- Spalangia*
- Xylocopa*
- All of these

Question No.5

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Bookmark

Which Vector Borne Disease are under elimination mode in India

- Scrub typhus
- Kyasanur Forest Disease
- Lymphatic Filariasis
- Plague

Question No.6

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Bookmark

Blood samples collected from epidemic investigation area are tested for detection of pathogens of diseases in laboratory

- IgG only
- Both IgM and IgG
- IgG(acute) only
- IgM only

Question No.7

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Bookmark

Human malaria parasite

- Plasmodium lophurae
- Plasmodium gallinaceum
- Plasmodium falciparum
- Plasmodium relictum

Question No.8

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Bookmark

National Centre for Integrated Pest Management (NCIPM) is located at

- Faridabad
- Gurgaon
- New Delhi
- Bengaluru

Question No.9

4.00

Bookmark

Amplification of Japanese B Encephalitis (JE) virus in the blood of

- Birds
- Pigs
- Human beings
- Cattles

Question No.10

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Bookmark

Infection on human being by Head louse is named as

- Pediculus capitis
- Phthirus pubis
- Pediculus corporis
- Pediculus pubis

Question No.11

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Bookmark

Tentorium is

- Endoskeleton
- Exoskeleton
- Thoracic plate
- None of these

Question No.12

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Bookmark

Author of Silent Spring is

- Robin Carson
- Rachel Carson
- Robert Carson
- Richard Carson

Question No.13

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Bookmark

Select the Pair that best represents the relationship that is given in the question:

Slapstick:Laughter

- Clown: Comical
- Horror:Fear
- Satire: Sarcasm
- Mimicry:Laughter

Question No.14

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Bookmark

The disease caused by Tse-tse fly is

- African sleeping sickness
- Asian sleeping sickness
- Japanese sleeping sickness
- American sleeping sickness

Question No.15

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Bookmark

If Road is coded as WTFI, what is the code for BEAT

- HIGZ
- DEFG
- ABCD
- GJFY

Question No.16

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Bookmark

Effective community participation is required in Dengue control for

- Preventing mosquitogenic conditions
- To minimize the panic
- Early detection and prevention
- All of these

Question No.17

4.00

Bookmark

The WHO initiative for Malaria i.e. T3, choose perfect order

- Test, Treat & Track
- Test, Track & Treat
- Treat, Track & Test
- Track, Treat & Test

Question No.18

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Bookmark

Mosquito species which lay eggs in rafts

- Mansonia species
- Anopheles species
- Aedes species
- Culex species

Question No.19

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Bookmark

Sarcophagids (Flesh flies) are

- Viviparous
- Larvaeparous
- Oviparous
- Pupaeparous

Question No.20

4.00

Bookmark

DDT's insecticidal action was discovered

- 1939
- 1941
- 1942
- 1940

Question No.21

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Bookmark

Ecdysone is secreted by

- Prothoracic gland
- Corpora allata
- Corpora cardiaca
- Mandibular gland

Question No.22

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Bookmark

Anopheles rests during daytime in

- Human dwellings and cattlesheds
- human dwellings
- Tree holes
- Cattlesheds

Question No.23

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Bookmark

Arolium is part of

- Compound eyes
- Wing
- Antennae
- Leg

Question No.24

4.00

Bookmark

Statement: Warning: Cigarette smoking is injurious to Health

Assumptions:

I. Non-Smoking Promotes Health

II. This warning is not necessary

- If only assumption I is implicit
- If both I and II are implicit
- If only assumption II is implicit
- If neither I nor II is implicit

Question No.25

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Bookmark

Any pesticide with green label on its container is

- Less toxic
- Extremely toxic
- Highly toxic
- Non-toxic

Question No.26

4.00

Bookmark

Mosquito nets are treated by which group of insecticide

- Organochlorine
- Carbamate
- Pyrethroid
- Organophosphorus

Question No.27

4.00

Bookmark

Which is used in controlling of mosquitoes

- Bta
- Bs
- Bti
- None of these

Question No.28

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Bookmark

Choose the synonym of the italicized word. Many cities were *incinerated* during the war.

- destroyed
- burnt
- bombed
- attacked

Question No.29

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Bookmark

In the following question, the first two words (given in italics) have a definite relationship. Choose one word out of the given four alternatives which will fill the blank space and show the same relationship with the third word as between the first two.

Hear is to *Deaf* as *Speak* is to?.....

- Silent
- Dumb
- Listen
- Talkative

Question No.30

4.00

Bookmark

When the bus was at full speed, its brakes failed and an accident was _____

- essential
- undeniable
- inevitable
- infallible

Question No.31

4.00

Bookmark

Lifespan of mosquitoes depends on

- Gender
- Climatic factors
- Species
- All of these

Question No.32

4.00

Bookmark

Which one is a Rodenticide

- Zinc oxide
- Ferrus phosphide
- Zinc phosphide
- Ferrus oxide

Question No.33

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Bookmark

Which is a choice of drug for drug resistant Malaria

- Albendazole
- Artesunate
- Doxycycline
- Ambisome

Question No.34

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Bookmark

A diagnostic tool ELISA is used in detection of virus is known as with expansion of

- Enigmatic Linkage Immunosorbent Assay technique
- Enzyme Linked Immunosorbent Assay technique
- Energy Linked Immunosorbent Assay technique
- Effective Linked Immunosorbent Assay technique

Question No.35

4.00

Bookmark

'The Insecticide Act' is effective since

- 1978
- 1968
- 1988
- 1958

Question No.36

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Bookmark

To use organisms living within natural communities to monitor the impact of ecological disturbance is

- Biocontroller
- Biopesticide
- Bioindicator
- Biomarker

Question No.37

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Bookmark

Choose the best antonym of the italicized word.

There has always been a feeling of *rancour* between the two families.

- rivalry
- friendliness
- competition
- suspicion

Question No.38

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Bookmark

Exhausted: Tired

- Considerate: Rude
- Arrogant: Docile
- Depressed : Sad
- Progressive: Regressive

Question No.39

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Bookmark

The w/w for Insecticides stands for

- weak/weak
- water/water
- weight/weight
- week/week

Question No.40

4.00

Bookmark

A man makes 150 pots per minute. If 30 pots are packed in a case how many cases will be made ready by the Man in one hour?

- 1000
- 200
- 250
- 300

Question No.41

4.00

Bookmark

The dose of DDT 50% ai for IRS is $1\text{gm}/\text{m}^2$, what amount is needed for 150m^2 area

- 100 gm
- 200 gm
- 300 gm
- 150 gm

Question No.42

4.00

Bookmark

Diflubenzuron is

- Highly toxic
- Low toxic
- Non Toxic
- Medium toxic

Question No.43

4.00

Bookmark

Recurring epidemics of dengue and chikungunya in India is due to prevalence of vectors of

- Aedes lowisii and Aedes simplex
- Aedes jamesi and Aedes caecus
- Aedes vexans vexans and Aedes culicinus
- Aedes aegypti and Aedes albopictus

Question No.44

4.00

Bookmark

Dormant nature of eggs laid by mosquito species of

- Armigeres
- Anopheles
- Aedes
- Culex

Question No.45

4.00

Bookmark

Life cycle of malaria parasite in mosquito is known as

- Schizogony
- Sporogony
- Gametogony
- All of these

Question No.46

4.00

Bookmark

Correct the error in the italicized part of the sentence by choosing the most appropriate option.

Leaving aside little room for misinterpretation, the senior politician offered clarifications about his role in the party elections.

- Having left less room for
- Leaving little room for
- Leaving for little room to
- Leaving less room for

Question No.47

4.00

Bookmark

Bacillus thuringiensis israeliensis(Bti) is used as

- Pyrethroid
- Nematicide
- Bactericide
- Fungicide

Question No.48

4.00

Bookmark

Vaccine is available for control of disease

- Lymphatic Filariasis (LF)
- Japanese B encephalitis (JE)
- Malaria
- Dengue

Question No.49

4.00

Bookmark

Culex eggs can be identified due to

- Laid singly
- Attach to algae
- Swimming under water surface
- Form eggraft

Question No.50

4.00

Bookmark

Study the following information carefully and answer the question below it:

P, Q, R, S T went on a picnic. P is son of Q but Q is not the father of P. R is the son of S, who is the brother of P. T is the wife of S.

How is P related to S?

- Brother
- Father
- Nephew
- None of these

Question No.51

4.00

Bookmark

Required minimum components for Successful transmission of any vector borne disease include

- Host and parasite
- Host, parasite and vector
- Parasite and vector
- Host and vector

Question No.52

4.00

Bookmark

Tumbler is

- Larva of mosquito
- Pupa of mosquito
- Adult mosquito
- Egg of mosquito

Question No.53

4.00

Bookmark

Which is the 'Elephant mosquito'?

- Toxorhynchites*
- Aedes*
- Mansonia*
- Culex*

Question No.54

4.00

Bookmark

Eggs of which species of mosquito survive during desiccation

- Anopheles*
- Aedes*
- Culex*
- All of these

Question No.55

4.00

Bookmark

Ocelli are

- Simple eyes
- Black eyes
- Coloured eyes
- Compound eyes

Question No.56

4.00

Bookmark

Immunity in malaria is the result of a past infection and arises on the basis of antigenic stimulation of the host by the parasite or its products

- Acquired Immunity
- Un-natural immunity
- Natural Immunity
- Herd immunity

Question No.57

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

On which day the lecture on Leadership will be organised?

- Tuesday
- Saturday
- Monday
- Thursday

Question No.58

4.00

Bookmark

Anopheles adult mosquitoes length of palpi and length of proboscis are

- short in palpi and long in proboscis
- long in palpi and short in proboscis
- almost equal between palpi and proboscis
- almost not equal between palpi and proboscis

Question No.59

4.00

Bookmark

The method of uniform application of a pesticide is

- Basal application
- Crack and crevice application
- Broadcast application

- Band application

Question No.60

4.00

Bookmark

PKDL is

- Post Kala-Azar Dry Leishmaniasis
- Post Kala-Azar Danger of Leishmaniasis
- Post Kala-Azar Dermal Leishmaniasis
- Post Kala-Azar Detection of Leishmaniasis

Question No.61

4.00

Bookmark

We must always try to adapt ourselves _____ our circumstances.

- with
- by
- to
- in

Question No.62

4.00

Bookmark

Statement: The Company has recently announced a series of incentives to the employees who are punctual and sincere.

Assumptions:

I. Those who are punctual will get motivated.

II. The Productivity of the company may increase.

- If neither I nor II is implicit
- If only assumption I is implicit
- If both I and II are implicit
- If only assumption II is implicit

Question No.63

4.00

Bookmark

ZIKA virus disease is transmitted by

- Culex*
- Aedes*
- Anopheles*
- Musca*

Question No.64

4.00

Bookmark

Vectors of Onchocercosis (river blindness) disease

- Larvae live in fast –flowing waters
- Larvae live in stagnant waters
- Larvae live in moist condition
- Larvae live in slow –flowing waters

Question No.65

4.00

Bookmark

How many types of Dengue virus causes the disease

- 2
- 3
- 4
- 1

Question No.66

4.00

Bookmark

Most commonly used method for Mosquito collection is

- Test tube
- Suction tube
- Fly net
- Pit trap

Question No.67

4.00

Bookmark

Indoor Residual Spray is used for control of

- Swine flu
- Kala-azar
- Typhoid
- All of these

Question No.68

4.00

Bookmark

Phenomenon which is not common for Dengue and Filariasis

- Transovarial transmission
- Man-mosquito-man transmission
- Incubation
- All of these

Question No.69

4.00

Bookmark

We're late again for the test, _____?

- are we?
- isn't it?
- is it?
- aren't we?

Question No.70

4.00

Bookmark

Wuchereria bancrofti is also transmitted by

- Aedes*
- Anopheles*
- Toxorhynchites*
- Sand fly

Question No.71

4.00

Bookmark

Antennae of male mosquitoes are

- Plumose
- Bipectinate
- Pilose
- Pectinate

Question No.72

4.00

Bookmark

National Anti Malaria Program was renamed as National Vector Borne Diseases Control Program in the year

- 2001
- 1977
- 2003
- 2005

Question No.73

4.00

Bookmark

Quartan malaria parasite is known as

- Plasmodium malariae*
- Plasmodium ovale*
- Plasmodium falciparum*
- Plasmodium vivax*

Question No.74

4.00

Bookmark

LD50 is the estimated value

- On the log₁₀ (dose) at which 50% responded
- On the log₅₀ (dose) at which 50% responded
- On the log (dose) at which 50% responded
- None of these

Question No.75

4.00

Bookmark

Container breeding mosquitoes are belong to

- Group of *Mansonia* species
- Group of *Aedes* species
- Group of *Anopheles* species
- Group of *Culex* species

Question No.76

4.00

Bookmark

I don't care if she comes to my house or not.

The underlined word is a

- pronoun
- gerund
- conjunction
- verb

Question No.77

4.00

Bookmark

Find the odd one out?

- Silkworm: Sericulture
- Birds : Horticulture
- Bees : Apiculture
- Fish : Pisciculture

Question No.78

4.00

Bookmark

Disease caused by louse

- Plague
- typhoid fever
- Chikungunya
- Relapsing fever

Question No.79

4.00

Bookmark

World Health Day is observed on

- 7th November
- 7th May
- 7th April
- 7th September

Question No.80

4.00

Bookmark

What should be kept in mind while using a nozzle for insecticide spray

- Size of droplet
- Desired spray pattern
- Rate of application
- All of these

Question No.81

4.00

Bookmark

Fish used for biological control of mosquito larvae is

- Gambusia*
- Labeo*
- Hilsa*
- Catla*

Question No.82

4.00

Bookmark

Malathion is used in

- Fogging
- Attracting
- Repelling
- None of these

Question No.83

4.00

Bookmark

Human blood smear is required for detection of malarial parasites

- Thick smear alone for microscopic examination
- Either thin or thick smear alone for microscopic examination
- Thin smear alone for microscopic examination
- Both thin and thick smears for microscopic examination

Question No.84

4.00

Bookmark

Kala-azar is a

- None of these
- Parasitic disease
- Viral disease
- Bacterial disease

Question No.85

4.00

Bookmark

Wuchereria and *Brugia* are

- Cestodes
- Nematodes
- Mites
- Helminths

Question No.86

4.00

Bookmark

Orientia tsutsugamushi is a parasite causing

- Japanese Encephalitis
- Scrub Typhus
- Yellow Fever
- Kyasanur Forest Disease

Question No.87

4.00

Bookmark

Xenopsila cheopis is a

- Fly
- Mite
- Mosquito
- Flea

Question No.88

4.00

Bookmark

Expansion of LLIN which is used in control of malaria vectors

- Long Level Insecticide involved Nets
- Long Lasting Insecticide inserted Nets
- Long Life Insecticide instituted Nets
- Long Lasting Insecticide impregnated Nets

Question No.89

4.00

Bookmark

Amplifier host of the JE virus is

- Horse
- Monkey
- Man
- Pig

Question No.90

4.00

Bookmark

This pup is very naughty. It is always _____ some mischief or the other.

- out for
- up to
- in for
- up at

Question No.91

4.00

Bookmark

Visceral Cutaneous and Mucocutaneous are forms of

- Dracunculiasis
- Amoebiasis
- Leishmaniasis
- Filariasis

Question No.92

4.00

Bookmark

Find the odd one out?

- Thrive
- Flourish
- Blossom
- Renovate

Question No.93

4.00

Bookmark

Mosquito larvae have

- 1 pair of legs
- No legs
- 3 pairs of legs
- 2 pairs of legs

Question No.94

4.00

Bookmark

People in the age group of 40 to 50 years are more likely to purchase ice cream and are more likely to purchase it in large amounts than are members of any other age group. The general perception that teenagers eat more ice cream than adults must, therefore, be incorrect.

The argument is flawed primarily because the author

- discusses ice cream rather than more nutritious and healthful foods
- does not specify the precise amount of ice cream purchased by any demographic group
- fails to distinguish between purchasing and consuming
- depends on popular belief rather than on documented research findings

Question No.95

4.00

Bookmark

Identification of the *Aedes aegypti* and *Aedes albopictus* is based on

- Markings on wings
- Markings on Thorax
- Markings on antennae
- Markings on Eyes

Question No.96

4.00

Bookmark

Insecticide resistance develops due to

- IPM practices
- Low doses of insecticides
- High/prolonged doses of insecticides
- None of these

Question No.97

4.00

Bookmark

Wolbachia is a

- Predator
- Pathogen
- Symbiont
- Parasite

Question No.98

4.00

Bookmark

Insecticide / pesticide DDT belongs to the group of

- Pyrethroid
- Carbamate
- Phosphate
- Chlorine

Question No.99

4.00

Bookmark

Flies and mosquitoes are

- Holometabolous
- Hemimetabolous
- Ametabolous
- None of these

Question No.100

4.00

Bookmark

Any disease/infection that is naturally transmissible from vertebrate animals to humans is

- Epizootic
- Zoonotic
- Anthroponotic
- All of these