



DEVASWOM BOARD COLLEGE
THALAYOLAPARAMBU
(Affiliated to Mahatma Gandhi University, Kottayam)

CRITERION I
Curricular Aspects

Submitted to
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(NAAC)
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Midayikunnu P.O. Thalayolaparambu, Kottayam, Kerala - 686605

Sample of Bridge course Question and Answer Script (2022-23)

DEPARTMENT OF BOTANY
DEVASWOM BOARD COLLEGE, THALAYOLAPARAMBU
BRIDGE COURSE IN BOTANY Course: Introduction to Botany

Name... APARNA S.....
Roll No... 312.....

Evaluation (2019-2020) - 2022 - 2023

Answer any 25

- Cell theory was given by -----
a) Lamarck & Darwin b) Schleiden & Schwann c) Brown & Purkinje d) Schleiden & Brown ✓
- The study related to the structure and function of cells is known as -----
a) Cytology b) anatomy c) histology d) palynology ✓
- The term 'Cell' was coined by -----
a) Robert Brown b) Robert Hooke c) Melvin Calvin d) de Vries ✓
- Sieve tube cell is ----- a) Enucleated b) dead cell c) multinucleated d) nucleated ✓
- Jute is a -----
a) Bast fibre from secondary xylem b) bast fibre from primary xylem c) bast fibre from secondary phloem d) bast fibre from primary phloem ✓
- Bicollateral vascular bundle is a characteristic feature of family -----
a) Cucurbitaceae b) cruciferae c) brassicaceae d) solanaceae ✓
- A plant tissue in which lignin does not occur in the cell walls
Collenchyma b) fibres c) sclereids d) tracheids ✓
- One growth ring of plants consists of -----
a) Only autumn wood b) spring wood and early wood c) only spring wood d) spring wood and autumn wood ✓
- The chief function of phloem is conduction of --- a) Food b) mineral c) water d) air ✓
- Balloon like outgrowths of parenchyma, into the lumen of vessels is known as -----
a) Tunica b) tyloses c) phellogen d) histogen ✓
- Vascular bundle in which protoxylem is pointing to the periphery is called ---
a) Endarch b) exarch c) radial d) closed ✓
- Radial exarch condition of vascular bundle occurs in -- a) Leaf b) root c) stem d) none of these ✓
- Who proposed 5 kingdom classification? R H whittaker ✓
- Plant body in Fungus is known as reticulate mycelium ✓
- Flower (androecium) is the reproductive structure in Angiosperms ✓
- Which plant group constitute first vascular plants ✓
- Carl Woese proposed system of classification G dominant G kingdom ✓
- Phylogenetic system of classification was proposed by ✓
- Who is known as Father of Botany? Theo pharcitus ✓
- Smallest unit of classification ✓
- Mushrooms come under the group..... Fungi..... ✓
- Name a unicellular alga chlamidomonas. ✓
- Mutualism is a positive interaction
a) TRUE b) FALSE ✓
- Name the smallest plant ✓
- Name a stain used in Botanical studies ✓
- Name the fungal partner in Lichen mycobiont ✓
- Give a name for the non living components of an ecosystem ✓
- Study of Fruits is known as ✓
- Botanical garden is an *in-situ* conservation method
a) TRUE b) FALSE ✓
- Who discovered microscope? ✓

Sample of Bridge course Question and Answer Script (2021-22)

DEPARTMENT OF BOTANY

DEVASWOM BOARD COLLEGE, THALAYOLAPARAMBU

BRIDGE COURSE IN BOTANY Course: Introduction to Botany

Name: Abhinav K S

Roll No: 202122

Robert Hooke

Janssen & Janssen

Schleiden

Virchow

1665

1665

1865

1960

All leaves

dicot stem

all roots

monocot stem

Primary xylem

secondary xylem

protoxylem

metaxylem

Hard

wood

surface

bast

Parenchyma

collenchyma

sclerenchyma

chlorenchyma

Scattered in ground tissue

not found at all

arranged in a ring

Jute fibres are obtained from

Secondary phloem

pith

xylem

endodermis

Vessels are characteristic feature of

Pteridophytes

angiosperms

gymnosperms

cryptogams

Name a complex permanent tissue

Parenchyma

collenchyma

xylem

sclerenchyma

Aerenchyma is found in

Epiphytes

hydrophytes

halophytes

xerophytes

Who proposed 5 kingdom classification? R.H Whittaker

Undifferentiated plant body is known as Thallus

Chlorophyll-less thallophytes are included under fungi

Which plant group is known as amphibians of plant kingdom Bryophytes

Carl Woese proposed 3 domain 6 kingdoms classification

Phylogenetic system of classification was proposed by R.H Whittaker

Which of the following is included under phanerogams?

Algae

Bryophyte

Gymnosperm

Pteridophyte

Plant group known as vascular cryptogams pteridophyte

Algal partner of lichens? Phycobiont

Give an example for a crustose lichen Graphis

Who is known as the Father of Botany? Theophrastus

Ecosystem shows Homeostasis

Mineral cycling

Energy flow

All of the above

Father of Modern Taxonomy Carl Linnaeus

Phycology is the study of algae

Which among the following is an example of sedimentary cycle

Carbon cycle

Nitrogen cycle

Sulphur cycle

Phosphorous cycle

First word in Biological name characterises generic name

Herbarium is a storehouse of dried pressed and preserved plant specimens

Name a stain used in Botanical studies

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Sample of Bridge course Question and Answer Script (2020-21)

Adithya Achuthan

Department of Botany
Bridge Course 2020-21
Assessment Questions

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Answer any 25

1. Book 'Philosophic Zoologique' is written by Aristotle
2. Bacteria bearing flagella all over the body are called peritrichous
3. In Whittaker's system of classification, prokaryotes are placed in the kingdom Monera
4. Soil erosion can be prevented by Trees
5. MAB of UNESCO stands for Man and Biosphere
6. Bhopal gas tragedy was due to carbonyl chloride
7. Bacteria is included in which of the following kingdom
a. monera b. plantae c. Protista d. animalia
8. The correct sequence of taxonomic categories is
a. Division - class - family - order - genus - species
b. Class - phylum - order - family - genus - species
✓ c. Phylum - order - class - family - genus - species
d. Division - class - order - family - genus - species
9. Binomial nomenclature indicates
a. genus and family b. phylum and genus ✓ c. genus and species d. species and sub-species
10. Monera includes
a. Actinomycetes only b. cyanobacteria ✓ only c. actinomycetes and cyanobacteria d. none of the above
11. Bacteriophages are
a. Viruses that infect bacteria b. bacteria that infect virus ✓ c. bacteria that infect other bacteria d. none of the above
12. Viruses possess
a. DNA b. RNA c. ribosomes ✓ d. either (a) or (b)
13. The protein coat of virus is called
a. Capsomere ✓ b. cosmid c. chromophore d. capsid
14. Respiratory roots and viviparous germination are the adaptations of
a. hydrophyte b. lithophyte c. xerophyte d. halophyte ✓
15. In a biotic community, the primary consumers are
a. Detritivores ✓ b. herbivores c. carnivores d. omnivores
16. July 11 is observed as

PTO

Sample of Bridge course Question and Answer Script (2019-20)

DEPARTMENT OF BOTANY
DEVASWOM BOARD COLLEGE, THALAYOLAPARAMBU
BRIDGE COURSE IN BOTANY

Name: Athira Radhakrishnan
Roll No.: 315...

Course: Introduction to Botany - Evaluation (2019-20) Answer any 25

1. Cell theory was given by -----
a) Lamarck & Darwin b) Schleiden & Schwann c) Brown & Purkinje d) Schleiden & Brown
2. The study related to the structure and function of cells is known as -----
a) Cytology b) anatomy c) histology d) palynology
3. The term 'Cell' was coined by -----
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4. Sieve tube cell is ----- a) Enucleated b) dead cell c) multinucleated d) nucleated
5. Jute is a -----
a) Bast fibre from secondary xylem b) bast fibre from primary xylem c) bast fibre from secondary phloem d) bast fibre from primary phloem
6. Bicollateral vascular bundle is a characteristic feature of family -----
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7. A plant tissue in which lignin does not occur in the cell walls
Collenchyma b) fibres c) sclereids d) tracheids
8. One growth ring of plants consists of -----
a) Only autumn wood b) spring wood and early wood c) only spring wood d) spring wood and autumn wood
9. The chief function of phloem is conduction of --- a) Food b) mineral c) water d) air
10. Balloon like outgrowths of parenchyma, into the lumen of vessels is known as -----
a) Tunica b) tyloses c) phellogen d) histogen
11. Vascular bundle in which protoxylem is pointing to the periphery is called---
a) Endarch b) exarch c) radial d) closed
12. Radial exarch condition of vascular bundle occurs in -- a) Leaf b) foot c) stem d) none of these
13. Who proposed 5 kingdom classification? Carlous Linnaeus
14. Plant body in Fungus is known as
15. Flower is the reproductive structure in Angiosperms
16. Which plant group constitute first vascular plants
17. Carl Woese proposed system of classification
18. Phylogenetic system of classification was proposed by
19. Who is known as Father of Botany?
20. Smallest unit of classification
21. Mushrooms come under the group.. Fungi
22. Name a unicellular alga Pinnularia
23. Mutualism is a positive interaction a) TRUE b) FALSE
24. Name the smallest plant
25. Name a stain used in Botanical studies Methylene blue
26. Name the fungal partner in Lichen Mycobiont
27. Give a name for the non living components of an ecosystem
28. Study of Fruits is known as
29. Botanical garden is an *in-situ* conservation method a) TRUE b) FALSE
30. Who discovered microscope? Anton Van Leeuwenhook

Sample of Bridge Course Question (2018-19)

DEPARTMENT OF POLITICAL SCIENCE
DEVASWOM BOARD COLLEGE THALAYOLAPARAMB
BRIDGE COURSE EXAMINATION 2018-19

Time: 1 Hour

Mark: 20

Answer the following questions.

Each question carries 1 mark.

1. Who among the following strongly said that "Man is a Political Animal"?
A. Socrates B. Plato C. Aristotle D. None of the Above.
2. Traditional approach give stress on:
A. Values. B. Facts. C. Objectivity. D. Precision.
3. 'Credo of Relevance' Signaled
A. Modernism. B. Behaviouralism. C. Post-Behaviouralism. D. Rationalism.
4. The success of democracy depends upon
A. Periodic Elections. B. Voting.
C. Campaigning in The Elections. D. All of the above
5. Who defined democracy as "Government of the people, by the people, for the people"?
A. Woodrow Wilson B. Lord Bryce C. Abraham Lincoln D. Laski
6. The two forms of democracy are:
A. Parliamentary and presidential. B. Direct and indirect.
C. Monarchical and Republican. D. None of the above.
7. Globalization by connecting countries leads to

- by the Constituent Assembly on.....
- A. 25 October, 1958
 - B. 26 January, 1950
 - C. 26 January, 1949
 - D. 26th November, 1949

16. Right to property according to the constitution is.....

- A. Fundamental right
- B. Legal right
- C. Social right
- D. Directive principles

17. Which of the following is NOT the fundamental duty for Indian citizens?

- A. To safe guard public property
- B. To protect and improve the natural environment
- C. To obey all the women
- D. To develop the scientific temper and spirit of enquiry

18. Which of the following articles is called the "Soul of the Constitution" by the Dr. Ambedkar?

- A. Article 32
- B. Article 368
- C. Article 19
- D. Article 15

19. Article 18 of the Indian Constitution deals with:

- A. Abolition of untouchability
- B. Abolition of Titles
- C. Abolition of Child labour
- D. Right to equality

20. Who said that the preamble is the keynote to the constitution?

- A. Earnest Barker
- B. B.R. Ambedkar
- C. K.M. Munshi
- D. Jawahar Lal Nehru

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