

Time: One Hour

Max. Marks: 25

Instructions :

Solve any 25 questions from Q 1 to Q 30

- 1 The name of the first international agreement on climate change _____
 (A)Red List (B)Montreal Protocol (C)Kyoto Protocol (D)IUCN
- 2 _____ is a new branch of science that studies all aspects of biodiversity with the goal of conserving natural resources.
 (A)Human biology (B)Conservation biology (C)Agronomy (D)None of these
- 3 Which one of the following has maximum genetic diversity in India?
 (A)Tea (B)Teak (C)Mango (D)Wheat
- 4 Which one of the following area in India, is a hotspot of biodiversity?
 (A)Western Ghat (B)Eastern Ghat (C)Gangetic plain (D)Sunderban
- 5 The components of an ecosystem are:
 (A)Trees and weeds (B)Plants and animals (C)Man and plants (D)Biotic and abiotic
- 6 In a national park protection is provided to:
 (A)Entire ecosystem (B)Flora and fauna (C)Fauna only (D)Flora only
- 7 Individuals of species which occur in a particular area constitute
 (A)Flora (B)Fauna (C)Population (D)Flora and fauna
- 8 The group of plants with seeds enclosed in ovary wall seen in:
 (A)Pteridophytes (B)Bryophytes (C)Angiosperms (D)Gymnosperms
- 9 Following is the example of Artificial System of classification.
 (A)Bentham and Hooker (B)Linnaeus (C)Hutchinson (D)None of these
- 10 Basic unit of taxon is:
 (A)Genus (B)Sub species (C)Species (D)Type
- 11 A.P.de Candolle System is the following type.
 (A)Natural (B)Artificial (C)Phylogenetic (D)None of these
- 12 Botanical name of Mustard is:
 (A)Callotropis gigantia (B)Ricinus communis (C)Brassica campestris (D)None of these
- 13 Unisexual flowers is the characteristic seen in most of the species following family:
 (A)Cucurbitaceae (B)Orchidaceae (C)Magnoliaceae (D)None of these
- 14 Acharya Jagdishchandra Bose Indian Botanic Garden is situated at:
 (A)Chennai (B)Kolkatta (C)Mumbai (D)None of these
- 15 Father of Modern Taxonomy is:
 (A)George Bentham (B)Karl Prantl (C)Carlos Linnaeus (D)None of these
- 16 Bentham and Hooker system of classification is example of:
 (A)Artificial system (B)Natural System (C)Phylogenetic system (D)None of these
- 17 Juicy fruits is mostly observed in family:
 (A)Papaveraceae (B)Nymphaeaceae (C)Rutaceae (D)None of these
- 18 Umbel inflorescence is the character seen in:
 (A)Rutaceae (B)Cucurbitaceae (C)Apeaceae (D)None of these
- 19 Pepo Fruit characteristic is found in:
 (A)Liliaceae (B)Oleaceae (C)Cucurbitaceae (D)Asclepiadaceae
- 20 Botanical name of Desi Badam is
 (A)Withania somnifera (B)Adathoda zeylanica (C)Asparagus racemosus (D)Terminalia catapa
- 21 Siliqua fruit is commonly found in following family:
 (A)Apiaceae (B)Acantaceae (C)Brassicaceae (D)None of these
- 22 Double fertilization and triple fusion is the characteristic of following group:
 (A)Gymnosperms (B)Angiosperms (C)Pteridophytes (D)None of these
- 23 Affim (Poppy) plant belongs to the family:
 (A)Papaveraceae (B)Papilionaceae (C)Apiaceae (D)None of these
- 24 Primitive families belongs to the group:
 (A)Graminales (B)Rosales (C)Magnoliales (D)None of these
- 25 Advanced family amongst the Angiosperms is:
 (A)Ranunculaceae (B)Orchidaceae (C)Solanaceae (D)None of these
- 26 Zizypus mauritiana(Ber) belongs to the family:

Examination October 2020

- (A)Apiaceae (B)Rutaceae (C)Lamiaceae (D)Rhamnaceae
- 27 Botanic garden is the example of following type of conservation.
(A)In situ (B)Ex situ (C)Both a and b (D)None of these
- 28 Polyadelphous condition of stamen is commonly observed in:
(A)Lamiaceae (B)Rutaceae (C)Verbenaceae (D)None of these
- 29 Aegle marmelos(Bel) belongs to family:
(A)Capparidaceae (B)Rutaceae (C)Magnoliaceae (D)None of these
- 30 Lalbagh Botanic garden is situated in:
(A)Mumbai (B)Chennai (C)Bengluru (D)Tiruchi
- 31 Botanical name of plant which is used as kadipatta:
(A)Hevea brasillensis (B)Callotropis gigantia (C)Euphobia hirta (D)Murraya koinigii
- 32 Botanical name of Kotimbir (Dhania) is
(A)Ipomea batatas (B)Solanum tuberosum (C)Coriander sativum (D)Cucumis sativus
- 33 Tetradyamous condition is seen in following family.
(A)Brassicaceae (B)Oleaceae (C)Orchidaceae (D)Solanaceae
- 34 Nelumbo nucifera belongs to
(A)Orchidaceae (B)Liliaceae (C)Poaceae (D)Nyphaeaceae
- 35 Argemone mexicana belongs to following family:
(A)Aclipiadaceae (B)Papaveraceae (C)Cucubitateae (D)Apiaceae
- 36 Binomial nomenclature is proposed by:
(A)A.P.de Candolle (B)Arthur Cronquist (C)Carlous Linnaeus (D)None of these
- 37 Bicarpellary condition is seen in the following family:
(A)Brassicaceae (B)Magnoliaceae (C)Rutaceae (D)Nymphaeaceae
- 38 NBRI is situated in :
(A)Lucknow (B)Trivandrum (C)Surat (D)Kolkata
- 39 Siliqua fruit type is common character of family:
(A)Apiaceae (B)Lytheraceae (C)Capparidaceae (D)Rutaceae
- 40 Botanical name of Henna (Mehandi) is:
(A)Woodfordia dicidua (B)Lawsonia innermis (C)Annona squamosa (D)None of these
- 41 World environment day is observed on:
(A)5th June (B)15th Aug (C)08th March (D)1st Dec
- 42 Levels of Biodiversity excludes:
(A)Genetic (B)Species (C)Population (D)Ecological
- 43 Which of the following does not comes under RET:
(A)Rare (B)Endangered (C)Least concern (D)Vulnerable
- 44 Human races is the example of following type of Biodiversity:
(A)Species (B)Genetic (C)Ecological (D)None of these
- 45 The rice breeds is the example of following type of Biodiversity:
(A)Genetic (B)Species (C)Ecological (D)None of these
- 46 Jim Corbett National Park is located in:
(A)Chattisgadh (B)Uttarakhand (C)Assam (D)None of these
- 47 Hotspot located in India:
(A)Eastern Ghats (B)Western ghats (C)Both a & b (D)None of these
- 48 Terminalia catapa belongs to the family:
(A)Apiaceae (B)Cucurbitaceae (C)Oleaceae (D)Combretaceae
- 49 Umbel inflorescence is found in the family:
(A)Magnoliaceae (B)Nymphaeaceae (C)Brassicaceae (D)Apiaceae
- 50 Parietal placentation is common in:
(A)Cucurbitaceae (B)Solanaceae (C)Malvaceae (D)None of these
- 51 Michelia champaca belongs to the family:
(A)Malvaceae (B)Magnoliaceae (C)Nymphaeaceae (D)None of these
- 52 Cremocarp fruit type is common in:
(A)Apiaceae (B)Rutaceae (C)Fabaceae (D)None of these
- 53 Fruit type Hisperidium is common character of family:
(A)Apiaceae (B)Fabaceae (C)Rutaceae (D)None of these
- 54 Botanical name of Kawath is:
(A)Citrus sinensis (B)Pomo granatum (C)Annona squamosa (D)Feronia elephantum
- 55 Basal placentation is the characteristic seen in following family.

Examination October 2020

- (A)Capparidaceae (B)Rutaceae (C)Magnoliaceae (D)Malvaceae
- 56 Inferior ovary is commonly seen the family:
(A)Apiaceae (B)Solanaceae (C)Malvaceae (D)Oleaceae
- 57 How many biogeographic does India have?
(A)5 (B)6 (C)8 (D)10
- 58 _____ is defined as an ecological state of a species being unique to a specific geographic location.
(A)Exotic species (B)Endemic species (C)Ecosystem (D)None of the above
- 59 Recent mass extinction under process is.....
(A)Permian-Triassic extinction (B)Triassic-Jurassic extinction (C)Cretaceous-Paleogene extinction (D)Holocene extinction
- 60 _____ is an example of an ex-situ conservation.
(A)Sacred groves (B)Wildlife sanctuary (C)Seed bank (D)National park