FISHRIES 1ST MOCK-TEST BY AGRILEARNER FISHERY TEAM

1. **Scientific name of Mirror carp is –**
   - A. *Cyprinus carpio var. communis*
   - B. *Cyprinus carpio var. specularis*
   - C. *Cyprinus carpio var.nudus*
   - D. *Hypothalmichthys molitrix*

Ans: **B**

2. **'Dipnoi',commonly known as Lung fishes . Which of the following lung fish possesses a single lung ?**
   - A *Neoceratodus*
   - *B. Lepidosiren*
   - *C. Protopterus*
   - D. None of the above

Ans:. **A**

3. **The 'Flying fish' ,mostly found in the coromondal coast ,has been categorised under the order –**
   - A. Clupeiformes
   - B. Beloniformes
   - C. Cypriniformes
   - D. Gadiformes

Ans : **beloniformes**

4. **Which of the following is an example of 'Ostracophils' –**
   - A. Salmon IP
   - B. Common carp
   - C. Puntius sps.
   - D. Bitterling

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Ans: **D**

5. Most of the Tropical fishes spawn during –

A. April – June

B. June-August

C. September – November

D. January- March

Ans: **B**

6. RGL (Relative Gut Length) ,a major factor in determining the feeding habit of fishes. When the RGL value is up to 15 times of a fish Body length ,the fish should be –

A. Carnivorous

B. Herbivores

C. Omnivores

D. Scavengers

Ans: **B**

7. Carp Pituitary Extract (CPE) can be preserved in Glycerine for better shelf-life. What is the ratio of Glycerine to water ?

A. 1:1

B. 1:2

C. 2:1

D . 3:1

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Ans: C

8. A carp brood diet developed by CIFA is CIFABROOD ,which contains _ %of crude protein ?

A. 10.3%

B.20%

C. 31.3%

D. 30%

Ans: **C**

9. Which is the specific target region /organ For GtH- 2 ?

A. Gonads
B. Oocytes
C. Both A &B
D. Pituitary

Ans: **B**

10. 'Elephant lake' ,an important cold water Lake of India present in the state of _

A. Kashmir
B. Kerala
C. Karnataka
D. Tamilnadu

Ans: **B**

11. India's top Penaeid shrimp producing state _

A. Kerala

B. Karnataka

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C. Maharashtra

D. Gujarat

Ans: **A**

12. 'Spray zone' is the nick name of _

A. Littoral zone

B. Supra- littoral zone

C. Sub- littoral zone

D. Intertidal zone

Ans: **B**

13. Which among the following is the leading Country in 'Marine capture fishery Production' ?

A. China
B. Indonesia
C. India
D. Vietnam

Ans: **B**

14. 'Blachan' , a fermented product ,mostly Famous in South-east Asian countries ,is Associated with _

A. Anchovy
B. Sardine
C. Acetes sps.
D. Flower shrimp

Ans: **C**

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15. Which among the following is the most Effective chemical to increase hardness Without affecting the alkalinity ?

A. Alum
B. Gypsum
C. Lime
D. Zeolite

Ans: **B**

16. Which country has the dominant Production of *Pangasius sutchi* ?

A. China
B. India
C. Vietnam
D. Indonesia

Ans: **C**

17. Which country is known as the pioneer of 'sewage fed fisheries' ?

A. China
B. Cambodia
C Srilanka
D . Germany

Ans: **D**

18. Ganga Action plan was launched in _

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A. 1986

B.1985

C.1984

D.1983

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Ans: **A**

19. Which of the following is not an aromatic Amino acid ?

A. Tyrosine
B. Arginine
C. Tryptophan
D. Phenyl alanine

Ans: **B**

20. The ideal starter feed for ornamental Fishes during early stages ?

A. Chironomous larvae
B. Tubifex
C. Rotifers
D. Infusoria

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Ans: **D**

21. Fungal infection is a common threat for Fish eggs. Methylene blue can be added As a preventive measure .What is the Dose of methylene blue for this water Treatment ?

A. 2-3mg/ltr.
B. 3-5mg/ltr

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C. 0.01-0.05mg/ltr
D. 1-10mg/ ltr

Ans: **A**

22. 'Rheo receptors' are ,

A. Thermal receptors

B. Pressure receptors

C. Current receptors

D. None of these

Ans: **C**

23. 'Tetras' ,one of the famous aquarium fish Group, belongs to the family –

A. Gymnotidae
B. Loricaridae
C. Ictaluridae
D. Characiidae

Ans: **D**

24. 'Club cells' are found in the skin layer _

A. Dermis

B. Epidermis

C. Both A&B

D. Kidney

Ans: **B**

25. The term 'Taxonomy' was coined by _

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A. Peter Atridae

B . Candolle

C . Berg

D . Linnaeus

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Ans: **B**

26. Specimen collected from the same locality Subsequent to the original description is Known as _

A. Isotype
B. Neotype
C. Topotype
D. Allotype

Ans: **C**

27. During hypophysation technique ,the Pituitary extract is administered Through a glass/ disposable syringe With a perfect needle size ,based on The fish body weight . For a fish Weighing 1 to 3 kg ,which needle no. can Be used ?

A. Needle no. 19
B. Needle no. 22
C. Needle no.24
D. Any kind of needle can be used

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Ans: **B**

28. Hanging dip net hatchery, a popular Hatchery type prevalent in the state of_

A. West Bengal

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B. Odisha
C. Tamilnadu
D. Madhya Pradesh

Ans: **B**

29. The reduction of total mass of Haemoglobin- bearing erythrocytes Results 'Anaemia'. which of the Following type of anaemia is due to a BACTERIA ?

A. Hypoplastic anaemia
B. Haemolytic anaemia
C. Haemorrhagic anaemia
D. All of these

Ans: **B**

30. 'BUDU' ,A famous fish sauce found in the Markets of —

A. Korea
B. Indonesia
C. Malaysia
D. Vietnam

Ans: **C**

31. In the process of obtaining Shark Leather 'BAITING' is an important step . Which Enzyme is associated with this step ?

A. Pepsin
B. Chymotrypsin
C. Trypsin

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D. None of these

Ans: **C**

32. Which fish is popularly known as 'marine water chicken' ?

A. Seer fish
B. Tuna
C. Lizard fish
D. Mackerel

Ans: **B**

33. The order 'Petromyzontia' is popularly Known as ' Lampreys' . Which among the Following is a non-migratory and non- Parasitic lamprey variety ?

A. Petromyzon marinus
B. Lampetra planeri
C. Lampetra fluviatilis
D. Both A & C

Ans : **B**

34. A hormone 'Hypocalcin' helps regulation Calcium balance in fishes . which is the Source of production of hypocalcin ?

A. Pancreas
B. Stannius corpuscles
C. Urohypophysis
D. Thyroid

Ans: **B**

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35. Which is considered as the 'Most Critical Single element' in the maintainance of Aquatic productivity ?

A. Oxygen
B. Carbon
C. Sulphur
D. Phosphorus

Ans: **D**

36. 'Liming' is a crucial step during pond Preparation for fish culture . The amount Of lime is applied as per the pH of pond Bottom soil. The amount of quick Lime to be used ,when the pond pH lie Between 5.0- 6.5 _

A. No need of liming
B. 1000 kg/ hectare
C. 2000kg/hectare
D. 500 kg/hectare

Ans: **D**

37. 'Silk worm dregs' are composed of Silkworm faeces ,moult residues ,and Mulberry residues . Which country Is Famous for using the dregs as organic Manure ?

A. Philippines
B. Cambodia
C. China
D. Indonesia

Ans: **C**

38. Puntius gonionotus ,commonly known As silver barb ,is a native to _

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A. Russia
B. UK
C. India
D. Thailand

Ans: **D**

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39. Which of the following statement is not True ?

A. Tachysaurus is an intestine brooder .
B. The phenomenon of promiscuity is Prominent in Gasterosteus .
C. 'Super foetation' is a peculiar phenomenon observed in Poecillids .
D. ' Maternal embryonic nutrient Transfer' occurs in Poecilia species .
E. All are true

Ans: **D**

40. Increased metabolic rate is found in fishes During _ season ?

A. Winter
B. Spring
C. Summer
D. Both C & B

Ans: **D**

41. Which of the following is the correct order For the 'Size of Water Hardened eggs' ?

A. Catla >Rohu>mrigal

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B. Mrigal >Catla> Rohu
C. Rohu > Catla > Mrigal
D. Mrigal > Catla > Rohu

Ans : **D**

42. Which of the following statement is not true About 'Tropomyosin' ?

A. It is not heat stable .
B. The purified tropomyosin in carp and Cuttle fish lacks 'Tryptophan' .
C. It is single stranded with 2 sub-units .
D. None of these

Ans: A

43. 'Big head carp' (Aristichthys nobilis) is a, {according to feeding habit} .

A. Surface feeder
B. Column feeder
C. Bottom feeder
D. Both A & C

Ans: **D**

44. Which of the following is an example of Purple sulphur bacteria ?

A. Chlorobacteriaceae
B. Thiobacteriaceae
C. Siderococcus
D. Leptothrix

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Ans: **B**

45. Krishi Vigyan Kendra (KVK) , plays a Crucial role in Lab to Land Programs . The 1st KVK in India was Established in the year _

A. 1972
B. 1974
C. 1979
D. 1982

Ans: **B**

46. The Maritime Zones of India (Regulation Of Fishing by Foreign Vessels) , was Introduced in the year _ ?

A. 1979
B. 1980
C. 1981
D. 1986

Ans: **C**

47. 'Result Demonstration' is a type of _ Method ?

A. Individual contact method
B. Group contact method
C. Mass contact method
D. None of these

Ans: **A**

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48. AICRP (All India Coordinated Research Project) on composite carp culture started in __year ?

A.1957

B. 1967

C. 1971

D. 1981

Ans : **C**

49. Which of the following is a part of The scheme' Pradhan Mantri Matsya Sampadaa Yojna (PMMSY)' ,declared During the budget 2019-20 ?

A. Establishment of Brood banks and aqua parks .
B. Engagement of 'Sagar mitras'.
C. Special focus on cold water fisheries .
D. All of these .

Ans: **D**

50. In a 'Racemic mixture' of optical solution What is the value of optical activity ?

A. =1
B. >1
C. 0
D. <1

Ans: **c**

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