# QUESTIONS ASKED IN VARIOUS EXAMS

## RPMT

**1.** Which one of the following animals is not Deuterostome : **[RPMT 2000]**
(1) ***Ambystoma*** (2) ***Amphilina***
(3) ***Anguilla*** (4) ***Amphiuma***

**2.** Which one of the following animals is protostome : **[RPMT 2000]**
(1) Acorn worm
(2) Spiny skinned animal
(3) Alphidium
(4) Echidna

**3.** Which animals is called as "Roofed Terrapin" : **[RPMT 2000]**
(1) ***Tryonix*** (2) ***Kachuga tectum***
(3) ***Chrysemys*** (4) Chelone

**4.** In which animals Aristole's latern is found : **[RPMT 2000]**
(1) ***Strongylocentrosus*** (2) Sea cucumbers
(3) Sea mouse (4) Sea-horse

**5.** Which animal is surinums toad : **[RPMT 2000]**
(1) ***Pipa americana*** (2) Bufo
(3) Bombinator (4) Alytes

**6.** National bird is India is : **[RPMT 2000]**
(1) Flamingo
(2) ***Pavo cristatus***
(3) ***Columba levia***
(4) ***Psittacula***

**7.** In Urochordata notochord is found in : **[RPMT 2001]**
(1) Head of adult
(2) Tail of adult
(3) Tail of larva
(4) Test of adult

**8.** Mircolecithal eggs are found in : **[RPMT 2001]**
(1) Reptilia + Aves
(2) Amphibia + Aves + Reptilia
(3) Reptilia + Aves + Chiroptera
(4) Eutheria

**9.** Which of the following shows the sexual dimorphism : **[RPMT 2001]**
(1) ***Hyddra*** & ***Ascaris***
(2) ***Hyddra*** & ***Oryctolagus***
(3) ***Ascarios*** & ***Pheretima***
(4) ***Ascaris*** & ***Oryctolagus***

**10.** The correct classfication of ***Balanoglossus*** is **[RPMT 2001]**
(1) Chordata $\rightarrow$ Vertebrata $\rightarrow$ Enteropneusta
(2) Chordata $\rightarrow$ Vertebrata $\rightarrow$ Pterobranchia
(3) Chordata $\rightarrow$ Hemichordata $\rightarrow$ Pterobranchia
(4) Chordata $\rightarrow$ Hemichordata $\rightarrow$ Enteropneusta

**11.** Which is not aerial adaptatio of Birds : **[RPMT 2001]**
(1) Single ovary (2) Pneumatic bone
(3) Gizzard (4) Keeled sternum

**12.** How does the Reptilia differ from vertebrates : **[RPMT 2001]**
(1) Due to epidermal scale
(2) Due to cleidoic eggs
(3) Due to tetrapod limb
(4) None of them

**13.** In which of the following notochord is absent **[RPMT 2001]**
(1) Adult ***Herdmania*** & ***Balanoglossus***
(2) Adult ***Herdmania*** & adult ***Branchiostoma***
(3) Larva of ***Herdmania*** & ***Branchiostoma***
(4) Larva of ***Herdmania*** & ***Balanoglossus***

**14.** Which of the following are Anamniotes : **[RPMT 2001]**
(1) Chondrichthyes, Ostiechthyes, Amphibia
(2) Reptilia, Aves, Amphibia
(3) Amphibia, Aves, Mammals
(4) Reptilia, Mammals, Aves

**15.** How many cranial narves found in the Amniote - **[RPMT 2001]**
(1) 6 (2) 8
(3) 12 (4) 10

**16.** Which have marcolecithal eggs : **[RPMT 2001]**
(1) Aves, Reptilia
(2) Aves, Reptilia, Amphibia
(3) Aves, Reptilia, Chirptera
(4) Aves, Eutheria

**17.** Cleidoic egg is an adaptatiio nfor :**[RPMT 2001]**
(1) Aquatic life (2) Marine life
(3) Terrestrial life (4) Aerial life

**18.** Which type of scales are found on skin of cartilaginous fishes : **[RPMT 2001]**
(1) Cycloid (2) Ctenoid
(3) Gonoid (4) Placoid

**19.** In which pair both characters are found without exception in all mammals : **[RPMT 2001]**
(1) Hair & vivipary
(2) Vivipary & internal fertilization
(3) Vivipary & mammary glands
(4) Mammary glands & internal fertilization

**20.** Eggs of birds are : **[RPMT 2001]**
(1) Microlecithal (2) Centrolecithal
(3) Megalecithal (4) Alecithal

**21.** Which character is found only in mammales : **[RPMT 2002]**
(1) Neck (2) Diaphragm
(3) Optic lobes of brain (4) Tail

**22.** heterocercal tail is found in : **[RPMT 2002]**
(1) Cartilaginous fishes (2) Bony fishes
(3) Whale (4) Amphibians

**23.** Which type of kidneys are found in amphibian **[RPMT 2002]**
(1) Holonephric (2) Mesonephric
(3) Pronephric (4) Meta nephric

**24.** Which animals is "Non-chorate- protochorate" : **[RPMT 2002]**
(1) ***Herdmanina*** (2) ***Balanoglossus***
(3) ***Branchiostoma*** (4) ***Botryllus***

**25.** In which of the following reptiles four chambered heart is present : **[RPMT 2002]**
(1) Lizard (2) Snake
(3) Scorpion (4) Crocodile

**26.** Which character is not same in aves and mammales : **[RPMT 2002]**
(1) Single systemic arch
(2) Meta nephric kidney
(3) Seven certical vertebrae
(4) Homeothesms

**27.** Odd-toed mammals is : **[RPMT 2004]**
(1) ***Equs*** (2) ***Panthera***
(3) ***Chiroptera*** (4) ***Oryctolegus***

**28.** Icthyophis belogns to which class : **[RPMT 2004]**
(1) Reptilia (2) Amphibia
(3) Aves (4) Pisces

**29.** Which of the following is nto a characteristic of birds : **[RPMT 2004]**
(1) Lungs with air sacs (2) Pneumatic bone
(3) Exothermic (4) Armniotic egs

**30.** Which of the folloiwng is a eptile :**[RPMT 2004]**
(1) Salamndra (2) Turtle
(3) Newts (4) Toad

**31.** In snakes, which gland is modified into poison gland : **[RPMT 2005]**
(1) Lingual (2) Sublingual
(3) Maxillary (4) Parotid

**32.** What is common is Bat, Whale and Rat : **[RPMT 2005]**
(1) Absence of neck
(2) Muscular diaphargm between thorax
(3) Testes, outside abdominal cavity
(4) External earpinna

**33.** A mammal in which milk is squirted down to the throat of the body by musucular contraction of mother is : **[RPMT 2005]**
(1) Bear (2) Camel
(3) Whale (4) rhinoceros

**34.** Placoid scales are formed in : **[RPMT 2005]**
(1) Cartilaginous fishes (2) Bondy fishes
(3) Paleontical fishes (4) Lungs fishes

## ANSWER KEY

| Que. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ans.** | **2** | **3** | **2** | **1** | **1** | **2** | **3** | **4** | **4** | **4** | **3** | **4** | **1** | **1** | **3** | **1** | **3** |
| Que. | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
| **Ans.** | **4** | **4** | **3** | **2** | **1** | **2** | **2** | **4** | **3** | **1** | **2** | **3** | **2** | **4** | **2** | **3** | **1** |