

SAMPLE SOLVED QUESTIONS FOR PGT TGT BIOLOGY
KVS EXAM

1 The vertebrates, in which hemoglobin is not the oxygen carrying pigment

Jelly fish (b) Ice fish

Whales (d) Sharks

2 Urine is yellow in color due to the presence of pigment known as

(a) Bile (b) Flame cell

(c) Urochrome (d) Belline

3. Tetanus is caused due to the repetitive stimulation of the _____

a) Muscles (b) Bones

c) Ligaments (d) Joints

4. The liquid which is present inside the internal ear is

Endolymph (b) Vitrohumour

(c) Anno lymph (d) perilymph

5. The science which deals with the study of production and action of hormones is

Hormonology (b) Secretology

(c) Endocrinology (d) Exocrinology

6. Corpus luteum is formed by

(a) Seminal vesicles (b) Corona radiata

(c) Luteinisation of granulosa cells (d) Intestinal cells

7 Yolk sac in the Mammals is

(a) Absent (b) well developed

(c) Poorly developed (d) none of these

8 Who coined the term "gene"

(a) Grahmson (b) Mendel

(c) Johannson (d) Gregary

9 Which trait was not studied by Mendel?

(a) Flower height (b) Seed size

(c) Flower color (d) Seed color

10. Hypersensitivity to pollen grains, or eating eggs or inhaling dust or other factors, lead to allergy. This is due to excessive amount of inflammatory substances from

(a) Erythrocytes (b) Lysosomes

(c) Mast cells (d) Monocyte

11. Total number of bones in the hind limbs of a woman is

(a) 30 (b) 31

(c) 32 (d) 33

12. "Average weight of human brain in males is " ____kg

(a) 1.35 kg (b) 1.0 kg

(c) 1.4 kg (d) 1.5 kg

13. Name the birth hormone

(a) Vasopressin (b) Oxytocin

(c) Estrogen (d) Diuracin

14. The loop of Henle is absent in

(a) Aves (b) Reptiles

(c) Mammals (d) Fishes

15. If Fertilization fails to happen, and then the corpus rectum degenerates into a white mass called

Corpus alicans (b) corpus albicans

(c) Leydig (d) corpus luteum

16. Polyspermy does not occur due to

Fertilization membrane (b) Z line membrane

(c) White line membrane (d) none of these

17. The phenotype of a cat can be best determined by

Recombination (b) Test cross

(c) Back cross (d) Recapitulation

18. Which amongst the following is a sex linked disease

Color blindness (b) Pellagra

Beri-Beri (d) Albinism

Answers; 1-b, 2-c, 3-a, 4-a, 5-c, 6-c,7-b, 8-c. 9-b, 10-c, 11-b, 12-a, 13-d, 14-c, 15-b ,16-a, 17-b,