

Practice Set  
Objective Questions For M.Sc CC-II Semester III

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Choose the correct answer from the four alternative given.

Q<sub>1</sub> yolk nucleus is concerned with

- ✓ 1. yolk Synthesis      2. Lipid Synthesis.  
3. Protein Synthesis.

Q<sub>2</sub> Sperms are produced in the

- ✓ 1. Seminiferous tubules      2. Interstitial cells  
3. Vas deferens                      4. Prostate gland

Q<sub>3</sub> Spermatogenesis in mammals requires the presence of

1. Fructose                      2. Progesterone  
✓ 3. Testosterone              4. Thyroxine.

Q<sub>4</sub> When a mature egg leaves the ovary during ovulation it enters the

1. Follicle                      ✓ 2. oviduct  
3. uterus                              4. Vagina.

Q<sub>5</sub> cells of Sertoli are found in

1. ✓ Testis                      2. Liver  
3. Gastric gland              4. Ovary

- ⑥ To dissolve egg coverings Sperm produces
1. Hyaluronic acid
  2. Hyaluronidase
  3. Trypsin
  4. Nuclease

- ⑦ Antifertilizin is secreted by
1. Sperm
  2. Ripe egg
  3. Zygote

- ⑧ External fertilization is seen in
1. Lizard
  2. Labeo
  3. Columba
  4. Rabbit

- ⑨ The fast block to Polyspermy develops in response to the

1. opening of Sodium gates in Plasma membrane
2. Release of bindin.
3. Spreading of fertilization cone around the egg.
4. Formation of fertilization membrane.

- ⑩ The slow block to Polyspermy develops in response to the

1. opening of Sodium gates in Plasma membrane.
2. Release of bindin
3. Spreading of fertilization cone around the egg
4. Formation of fertilization membrane