

# O. P. JINDAL SCHOOL, RAIGARH (CG) 496 001

Phone : 07762-227042, 227293, (Extn. 227001 - 49801, 02, 04, 06); Fax : 07762-262613; e-mail: opjsraigarh@jspl.com; website : www.opjsrgh.in

---

## CLASS- X : SUBJECT- BIOLOGY

### TOPICS:

1. EXCRETION IN PLANTS AND ANIMALS.
2. PROCESS OF ULTRA FILTRATION.
3. ROLE OF ADH IN URINE FORMATION.

Q1. What are various excretory materials produced in plants?

Q2. What are Ammonotelic, Ureotelic and Uricotelic animals?

Q3. Name the excretory organs in the given organisms- hydra, tape worm, earthworm, and cockroach.

Q4. Name the substances poured into renal filtrate during tubular secretion.

Q5. Write any one factor upon which the process of ultra filtration in Bowman's capsule depends.

Q6. What is ADH? Explain its role during urine formation.

Q7. In which part of the neuron ultra filtration takes place?

Q8. Why is urine acidic in nature while the blood from which it is formed is alkaline?

Q9. Name the substances excreted by liver.

Q10. What is – Glycosuria, ketonuria, Haematuria & Uremia?

Q11. Write a short note on –'Renal calculi' and 'Glomerulonephritis'.

Q12. Name the hormone which helps in absorption of sodium in Distal convoluted tubule.

Q13. What is the main function of the descending loop of Henle?

Q14. Name any two constituents of sweat other than water.

Q15. Locate the following in the diagram of vertical section of a kidney –cortex, medulla, calyx, pelvis, hilum.