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Roll No. ....

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**1st Year**

**Subject : H.A.P.**

Time : 3 Hrs.

M.M. : 80

**SECTION-A**

**Note:** Objective type questions. All questions are compulsory (10x1=10)

Q.1 \_\_\_\_\_ are the power house of cell.

Q.2 Increased heart rate is known as \_\_\_\_\_.

Q.3 Define haemorrhage.

Q.4 Expand LH.

Q.5 Glands which work both as endocrine and exocrine glands are called as \_\_\_\_\_.

Q.6 Name smallest bone of body.

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Q.7 Heart is covered by the membrane \_\_\_\_\_.

Q.8 Name three layers of eye ball.

Q.9 Define vein.

Q.10 Name endocrine gland that secrete vasopressin.

**SECTION-B**

**Note:** Very short answer type questions. Attempt any five questions out of seven. 5x3=15

Q.11 Write one function of each oxytocin, insulin, Renin.

Q.12 Draw labelled diagram of brain ventricles.

Q.13 Name three muscles in upper limb.

Q.14 Write three function of liver.

Q.15 Name parts of pharynx.

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Q.16 What is myocardial ischaemia.

Q.17 Write the role of heparin in body.

### SECTION-C

**Note:** Short answer type questions. Attempt any five questions out of seven questions. 5x5=25

Q.18 Write structure of squamous epithelium tissue and name organs.

Q.19 Give function of synovial joints.

Q.20 What is the difference between Artery and vein.

Q.21 Explain Reflex action.

Q.22 Describe blood groups.

Q.23 What is double circulation.

Q.24 Explain physiology of Respiration.

### SECTION-D

**Note:** Long answer type questions. Attempt three questions out of four questions. 3x10=30

Q.25 Describe the function and disease of thyroid gland.

Q.26 Define Digestion. Name the parts of digestive system and give their function alongwith suitable diagram.

Q.27 Explain various parts of male Reproductive system.

Q.28 Draw a well labelled diagram of kidney write about hormonal Regulation of tubular Reabsorption and secretion.

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