

**D 50761**

(Pages 2)

Name.....

Reg. No.....

**FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2013**

(UG – CCSS)

Zoology (Open Course)

**Z05 D01—HUMAN HEALTH AND SEX EDUCATION**

Time : Three Hours

Maximum : 30 Weightage

(Answer may be written **either** in English **or** in Malayalam.  
Give illustrations wherever necessary.)

I. Answer all *twelve* questions. Each question carries 0.25 weightage :

A. Objective type question :

1 Pap smear test is used to detect :

- (a) Prostate cancer. (b) Breast cancer.  
(c) Uterien cancer. (d) liver cancer.

2 Which of the following technique is used for Antibody detection :

- (a) Western blot. (b) Southern blot.  
(c) Eastern blot. (d) Laser Microscopy.

3 Select the technique uses X ray :

- (a) CT scan. (b) MRI.  
(c) PET. (d) EEG.

4 The universal recipient blood group is :

- (a) O. (b) AB.  
(c) B. (d) A.

B. Match the following :—

- 5 Lymphocytes (a) Blood transfusion.  
6 SA Node (b) Nerve.  
7 Myelin sheath (c) immunity.  
8 Oestrogen (d) Angioplasty.  
(e) Pacemaker.  
(f) Female hormone.

**Turn over**

## C. Fill up the blanks :

- 9 The technique used to detect heart functions is \_\_\_\_\_.
- 10 Technique used to monitor brain waves is \_\_\_\_\_.
- 11 HIV genome is \_\_\_\_\_.
- 12 Termination of Menstrual cycle is known as \_\_\_\_\_.

(12 × ¼ = 3 weightage)

II. Short answer questions. Answer all *nine* questions :

- 13 Define Antibodies.
- 14 Mention the use of DNA fingerprinting.
- 15 What is Sonography ?
- 16 Mention the use of Endoscope.
- 17 Define Vaccine.
- 18 What is Child Abuse ?
- 19 What is Organ transplantation ?
- 20 Expand the term ZIFT.
- 21 What is Prenatal diagnosis ?

(9 × 1 = 9 weightage)

III. Short answer questions. Answer *five* questions :

- 22 Describe the features of Human Papilloma virus.
- 23 Describe any *two* viral diseases.
- 24 Describe the importance of Blood banks.
- 25 What is the uses of CT Scan ?
- 26 Describe the importance of ELISA test.
- 27 What is Artificial Pacemaker ?
- 28 Write a note on Stem cells.

(5 × 2 = 10 weightage)

IV. Essay questions. Answer any *two* questions :

- 29 Describe the technique and uses of Positron Emission Tomography.
- 30 Describe the methods of IVF and GIFT.
- 31 Describe the mode of transmission and symptoms of Herpes and Hepatitis.

(2 × 4 = 8 weightage)