

D 70982

(Pages : 2)

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Name.....

Reg. No.....

FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2014

(UG-CCSS)

Open Course

Zoology

ZO 5D 01—HUMAN HEALTH AND SEX EDUCATION

Time : Three Hours

Maximum : 30 Weightage

Give illustrations wherever necessary.

I. Answer all *twelve* questions. Each question carries $\frac{1}{4}$ weightage :

A. Objective type question :

1 Number of Vertebrae in man is :

(a) 30.

(b) 33.

(c) 35.

(d) 36.

2 Ileum is a part of _____.

(a) Large intestine.

(b) Pelvic girdle.

(c) Small intestine.

(d) Pectoral girdle.

3 Transfer of tissue from one species to another is called :

(a) Xenograft.

(b) Allograft.

(c) Autograft.

(d) Isograft.

4 MMR vaccine does not protect an individual from :

(a) Rubella.

(b) German measles.

(c) Mumps.

(d) Rabies.

B. Match the following :—

5 Imaging technique

(a) LFT.

6 Assisted reproductive technology

(b) PET.

7 Monitoring body's vital function

(c) ET.

8 Laboratory diagnostic method

(d) STD.

(e) ELISA.

(f) ICSI.

Turn over

C. Fill up the blanks :

- 9 Rennin is an enzyme present in _____.
- 10 Heaviest bone of the human body is _____.
- 11 Functional unit of kidney is _____.
- 12 The scanning in which radioactive substance is introduced into the body is _____.

(12 × ¼ = 3 weightage)

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

- 13 Mention the use of Dialysis.
- 14 Define Menopause.
- 15 What is Turner's syndrome ?
- 16 Mention the use of EEG.
- 17 Mention the functions of Vasopressin.
- 18 Define Angioplasty.
- 19 Define Cloning ?
- 20 Expand the term MTP.
- 21 Mention the role of Human placenta.

(9 × 1 = 9 weightage)

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

- 22 Briefly describe Organ transplantation. Add notes on different types of transplantation.
- 23 Comment on any *two* Sexually transmitted diseases.
- 24 Describe Chorionic villus sampling.
- 25 Enumerate the causes of infertility in males.
- 26 Discuss the steps involved in IVF.
- 27 Sketch and label human heart.
- 28 Describe ECG.

(5 × 2 = 10 weightage)

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

- 29 Explain the mechanism of Synaptic transmission.
- 30 Write an essay on Sexually transmitted diseases.
- 31 Give an account of Menstrual cycle.

(2 × 4 = 8 weightage)