C 62715 (Pages : 2) Name.....

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Reg. No.....

SECOND SEMESTER B.Sc. DEGREE EXAMINATION, MAY 2014

(U.G.—CCSS)

Psychology—Complementary Course

PS 2C 01—PHYSIOLOGICAL PSYCHOLOGY

Time : Three Hours Maximum : 30 Weightage

I. Answer *all* questions :—

A Objective Type Questions.

1 ——— is a defense against bodily injury.

(Smell, Pain, Taste).

2 ——— is a condition in which the affected person is unable to detect colours.

(Colour coding, Colour blindness, Colour vision).

3 The receptors found at the back of the tongue are called ———.

(Bitter receptors, Salt receptors, Sweet receptors).

4 ——— assumes that pain is the result of a high level of neural activity in the brain

(Pattern theory, Gate-Control theory, Stereo Chemical theory).

B Fill in the blanks :—

5 The sensation of colour is called ———.

6 A ——— cell receiving information from rods.

7 ——— is practiced for reducing pain during surgery.

8 The regions wrapped around the trunk, limbs, neck and scalp are called.

C Answer in a single word :—

9 Who proposed 'The trichromatic theory' ?

10 Name the Secretions produced by Endocrine glands'.

11 Who put forward "The Stereo Chemical Theory'.

12 Name the sense that help us to keep our balance.

(12 × ¼ = 3 weightage)

Turn over

II. Short Answer Questions :

13 What are Spinal nerves ?

14 Define Sound.

15 What are Somesthetic senses' ?

16 What is proprioception

17 What are chemoreceptors ?

18 What is Brownian movement ?

19 Define 'Harmonics'.

20 What is Purkinje effect ?

21 Define 'Hue'.

(9 × 1 = 9 weightage

III. Short Answer Questions. Answer any *five* questions :—

22 What are chemical senses ?

23 Describe the valley Principle.

24 Differentiate between Retinal Inhibition and the Limulus.

25 What are Visual Defects ?

26 Describe 'The Coding Process'.

27 How sound travels ?

28 Describe the anatomy of the eye.

(5 × 2 = 10 weightage

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

29 Discuss major endocrine glands.

30 Describe the auditory system with the help of a diagram.

31 Describe the Neural Coding of 'Pain Sensation'.

(2 × 4 = 8 weightage