**ST. JOSEPH’S COLLEGE (AUTONOMOUS), BENGALURU-27**

# B.A, B.Sc., BCA, BVC and B.Com - IV SEMESTER

# SEMESTER EXAMINATION: APRIL 2017

# ES OE 4116 - Environment and Human Health

**TIME: 1½ Hours Max.Marks: 35**

**Instructions: Answer Part A to Part D in the question paper.**

 **Part E is to be continued in the blank space of the question paper.**

 **PART-A**

**Encicle an appropriate answer for any five of the following: 5×1=5**

**1**. Disease is due to the

a) Environment b) Pathogen c) Host d) All the three

**2**. “Good Health Well Being” in Sustainable Development Goals is

a) Goal No.3 b) Goal No.5 c) Goal No.7 d) None

**3**. Hay fever is caused by

a) Straw b) Pollens c) Virus d) Aedes aegypti

**4.** One among the following causes tetanus

a) Tattoo b) horse dung c) skin burn d) Clostridium tetani

**5**. The WHO’s Standard for Arsenic in drinking water is

a) 0.05 ppm b) 0.01ppm c)1ppm d) 2 ppm

**6.** Plague is caused by

a) Rats b) cats c) Rat flees d) Yersinia pestis

**7.** The endemic region of Kyasanur Forest Disease in Karnataka

a) Shimoga b) Mangalore c)Kolar d) Udupi

**PART-B**

**8. Match the following: 5×1=5**

a) Mee’s line Time bomb of Vietnam

 b) Dust mites Bush meat

 c) Melioidosis Tamiflu

 d) Ebola Arsenic poisoning

 e) Swine Flu Tannic acid

 **PART-C**

**9. Fill in the blanks of any five of the following: 5×1=5**

a) The amplifying host of SARS in China is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 b) Burkholderia pseudomallei in the rice fields causes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 c) Kwashiorkor is due to the deficiency of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 d) Hypothyroidism is due to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 e) Iron deficiency causes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 f) Burning of plastic releases \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 g) Pressure on the median nerve causes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

  **PART-D**

**10. Write True or False of any five of the following: 5×1=5**

a) Dengue causes platelet reduction \_\_\_\_\_\_\_\_\_\_

 b) Plague causes buboes\_\_\_\_\_\_\_\_\_\_

 c) MERS is a highly contagious disease\_\_\_\_\_\_\_\_\_\_

 d) DDT is a quickly biodegradable pesticide\_\_\_\_\_\_\_\_\_\_

 e) Manual disposal of human excreta is not banned in India\_\_\_\_\_\_\_\_\_\_

 f)Self medication of antibiotics will boost the immune capacity\_\_\_\_\_\_\_\_\_\_

 g) Cigarette smoking is not injurious to foetus\_\_\_\_\_\_\_\_\_\_

 **PART-E**

**11. Write explanatory notes on any three of the following: 3×5=15**

a) Time scale of an infection

 b) Food Adulterants

 c) Sanitation value chain

 d) Effect of noise

 e) Effect of Endosulfan on children

**ES-OE-4116-A-17**

**SCHEME OF EVALUATION**

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#  ES OE4116 -A-17-ENVIRONMENT AND HUMAN HEALTH

 **PART-A**

**Answer any five of the following: 5×1=5**

**1**. Disease is due to the

a) Environment b) Pathogen c) Host d) **All the three**

**2**. “Good Health Well Being” in Sustainable Development Goals is

a) **Goal No.3** b) Goal No.5 c) Goal No.7 d) None

**3**. Hay fever is caused by

a) Straw b) **Pollens** c) Virus d) Aedes aegypti

**4.** One among the following causes tetanus

a) Tattoo b) horse dung c) skin burn d) **Clostridium tetani**

**5**. The WHO’s Standard for Arsenic in drinking water is

a) 0.05 ppm b) **0.01ppm** c)1ppm d) 2 ppm

**6.** Plague is caused by

a) Rats b) cats c) Rat flees d) **Yersinia pestis**

**7.** The endemic region of Kyasanur Forest Disease in Karnataka

a) **Shimoga** b) Mangalore c)Kolar d) Udupi

**PART-B**

**8. Match the following: 5×1=5**

a) Mee’s line Time bomb of Vietnam**(c)**

 b) Dust mites Bush meat **(d)**

 c) Melioidosis Tamiflu **(e)**

 d) Ebola Arsenic poisoning **(a)**

 e) Swine Flu Tannic acid **(b)**

 **PART-C**

**9. Fill up the blanks of any five of the following: 5×1=5**

a) The amplifying host of SARS in China is **Civet cat**

 b) Burkholderia pseudomallei in the rice fields causes **Melioidosis**

 c) Kwashiorkor is due to the deficiency of **Protein**

 d) Hypothyroidism is due to the deficiency of **Iodine**

 e) Iron deficiency causes **Anemia**

 f) Burning of plastic releases **Dioxin**

 g) Pressure on the median nerve causes **Carpal tunnel syndrome**

**PART-D**

**10. Write True or False of any five of the following: 5×1=5**

a) Dengue causes platelet reduction **(True)**

 b) Plague causes buboes **(True)**

 c) MERS is a highly contagious disease **(True)**

 d) DDT is a quickly biodegradable pesticide **(False)**

 e) Hand disposal of human excreta is not banned in India **(False)**

 f)Self medication of antibiotics will boost the immune capacity **(False)**

 g) Cigarette smoking is not injurious to foetus **(False)**

 **PART-E**

**11. Write explanatory notes on any three of the following: 3×5=15**

a) Time scale of an infection

 b) Food Adulterants

 c) Sanitation value chain

 d) Effect of noise

 e) Effect of Endosulfan on children