

NAVRACHANA UNIVERSITY
School of Business and Law, BBA Program
End Semester Examination, May 2017
F.Y BBA, 2nd Semester

Course Name/ code: General Science (HS242)

Marks: 40

Date: 15/05/2017

Time: 8:00 –10:00 am

Important Instructions

1. *All the Questions are Compulsory*
 2. *Please read the questions carefully and answer accordingly*
 3. *Draw a neat and labelled diagram wherever necessary*
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Q1. Choose the correct option for the following questions.

(10 M)

1. Chemical formula of water is:
 - a) CaCO_3
 - b) H_2O
 - c) CO_2
 - d) NaOH
2. Which of the following gas is not known as green house gas?
 - a) Methane
 - b) Nitrous oxide
 - c) Carbon dioxide
 - d) Hydrogen
3. Production of chlorofluorocarbons (CFC) gas which is proposed to be banned in India, is used in which of the following domestic products?
 - a) Television
 - b) Refrigerator
 - c) Tube light
 - d) Cooking gas
4. What is the unit for measuring the amplitude of a sound?
 - a) Decibel
 - b) Coulomb
 - c) Hum
 - d) Cycles
5. Prokaryotic cells lack:
 - a) Nucleus
 - b) Nuclear membrane
 - c) Membrane bound organelles
 - d) All of these
6. Plant cells have _____ while animal cells lack it.
 - a) Chloroplast
 - b) Mitochondria
 - c) Golgi body
 - d) Ribosomes

7. Night blindness is caused by lack of vitamin _____.
- Vitamin A
 - Vitamin B
 - Vitamin C
 - Vitamin D
8. Pulses are good source of:
- Carbohydrates
 - Fats
 - Proteins
 - Vitamins
9. Which of the following is a renewable energy resource?
- Coal
 - Petroleum oil
 - Sunlight
 - All
10. Nestle is facing _____ heavy metal in instant noodles.
- Lead
 - Mercury
 - Cyanide
 - Arsenic

Q2. Answer the following in brief (any 5)

(10 M)

- What are the differences between plant cell and animal cell?
- Why vitamins are required in a balanced diet?
- How noise pollution affects human health?
- Why is ozone layer important?
- What are the measures to control water pollution?
- What are the long term effects of eating fast food on your health?

Q3. Answer the following in detail (any 4)

(20 M)

- Draft a small smart city proposal for green and clean Vadodara?
- While India has seen impressive economic growth in recent years, the country still struggles with widespread poverty and hunger. Write the issues related to food security and malnutrition in India.
- Write a note on renewable sources of energy.
- Give a detail account on air pollution.
- Explain in detail: Greenhouse effect