

Chattogram Veterinary and Animal Sciences University
Faculty of Veterinary Medicine
DVM 1st Year 1st Semester Final Examination 2020
Course Title: Communicative English
Course Code: ENG 101
Full Marks: 17
Section: B Assignment

Write an essay of about 450 to 500 words on one of the following topics.

Assignment Number	Title of the Assignment	Student Roll Number
1	The impact of Covid- 19 on the education sector	Group 1
2	E-learning- pros, cons and challenges	Group 2
3	Impact of the internet on human life	Group 3
4	Artificial intelligence	Group 4
5	Global warming and the future of the world	Group 5
6	Social media and its impact on people	Group 6
7	Smartphone and its effects on life	Group 7
8	Environmental pollution- causes, effects and remedies	Group 8
9	Climate change and the future of Bangladesh	Group 9
10	Veterinary education in Bangladesh- necessities, problems and prospects	Group 10

SET: A

Chattogram Veterinary and Animal Sciences University

Faculty of Veterinary Medicine

DVM 1st Year 1st Semester Final Examination 2020

Course Title: Communicative English

Course Code: ENG 101

Full Marks: 18

Time: 1 Hour

Figures in the margin indicate full marks.

Section: A

Answer ALL the questions.

1. Correct the following sentences if they are incorrect. If the sentence is correct, just copy it. 5
 - a. Ten per cent of the population do physical exercise.
 - b. It is recommended that every student studies on a regular basis.
 - c. Ten mile are a long walk.
 - d. The problem in our rooftop garden are ants.
 - e. It's been long since we have met.

2. Complete the following sentences: 5
 - a. If I knew he would be coming, _____.
 - b. Not only eating a balanced diet but also _____.
 - c. Nowadays students are getting used to _____.
 - d. _____ in order to ensure a hospitable world.
 - e. _____ if I could.

3. Change the following sentences as directed: 3
 - a. Rome was not built in a day. (Change the voice.)
 - b. A man works hard. He can shine in life. (Join the sentences into a complex sentence.)
 - c. The teacher asked the student why she (ST) was late for the class. (Change the speech.)

4. Some people have a tendency to treat animals cruelly: they beat animals, keep them hungry as well as transport them under inhumane conditions. Suppose you are concerned about this. Now, write a letter to the editor of an English daily stating your concern. 5

Chattogram Veterinary and Animal Sciences University, Chattogram
Faculty of Veterinary Medicine
Dept. of Agricultural Economics and Social Sciences
DVM Year -01, Semester-01, Final Examination' 2020
Subject: Rural Sociology and Anthropology; (Theory) Course No: RAS-101(T),
Total Marks: 35, Deadline: 30/06/2021, 11:59 PM

Section – B

Assignment No.	Title of Assignment	Students Roll No.
1.	How can a Veterinary graduate contribute to the development of Bangladesh?	Group 1 20/01-20/10
2.	Environmental pollution in socio-economic context of Bangladesh	Group 2 20/11-20/20
3.	Child trafficking problems in the context of Bangladesh.	Group 3 20/21-20/31
4.	Impact of drug addiction of youth group in Bangladesh.	Group 4 20/32-20/42
5.	Problems and challenges of deserted women in Bangladesh.	Group 5 20/43-20/52
6.	Juvenile social crimes in Bangladesh.	Group 6 20/53-20/62
7.	Impact of drug addiction of youth group in Bangladesh.	Group 7 20/63-20/73
8.	Common social problems in Bangladesh.	Group 8 20/74-20/83
9.	Impact of Covid-19 on the slum dwellers in Bangladesh.	Group 9 20/84-20/93
10.	Trafficking problems in the context of Bangladesh.	Group 10 20/94-20/100 19/101,19/102

Chattogram Veterinary and Animal Sciences University, Chattogram
Faculty of Veterinary Medicine
Dept. of Agricultural Economics and Social Sciences
DVM Year -01, Semester-01, Final Examination' 2020
Subject: Rural Sociology and Anthropology; (Theory) Course No: RAS-101(T),
Total Marks: 35, Time: 2 hours

Answer any 5 (five) questions from the followings. Figures in the right margin indicate full mark.

Section-A

- | | | |
|----|---|-----|
| 1. | a) Write down the objectives of social survey. | 2.0 |
| | b) What are the various types of social survey? | 5.0 |
| 2. | a) Write down the advantages of Sociology. | 3.0 |
| | b) Narrate the factors of human development. | 4.0 |
| 3. | a) Write down the characteristics of culture. | 3.0 |
| | b) What is cultural lag? Explain it. | 4.0 |
| 4. | a) Define social change. | 2.0 |
| | b) Enumerate the various factors that cause the social change. | 5.0 |
| 5. | a) Define social control. | 2.0 |
| | b) Write the types of social control. | 5.0 |
| 6. | a) Race is not a biological concept it is a social concept –explain it. | 4.0 |
| | b) How many kinds of race? | 3.0 |
| 7. | Write short notes on the followings | 3.5 |
| | a) Personality | 3.5 |
| | b) Socialization | |

Chattogram Veterinary and Animal Sciences University
DVM 1st year 1st Semester Final Examination-2020
Subject: Basic and Circulatory Physiology (Theory)
Course Title: BCP-101(T)
Full Marks: 18, Time: 1 Hour

Figures in the right margin indicate full marks. Answer three (3) questions from each section, where question number 1 is compulsory. Fractions of the question must be answered together.

SECTION-A

- | | | | |
|----|----|---|-----|
| 1. | a) | Define Physiology. Write down the scope of Physiology in Veterinary Medicine schematically. | 2.0 |
| | b) | Enlist the components of eukaryotic nucleus with their function. | 2.0 |
| | c) | Cell membrane is semi-permeable-Explain. | 2.0 |
| 2. | a) | Draw and label an animal cell. | 2.0 |
| | b) | Define cell, tissue, organ, system and body. | 2.0 |
| | c) | Enlist the functions of ribosome, lysosomes, endoplasmic reticulum, centrioles and golgi apparatus. | 2.0 |
| 3. | a) | Differentiate diffusion from osmosis with examples in animal Physiology. | 2.0 |
| | b) | Define filtration, adsorption, absorption and dialysis with examples. | 2.0 |
| | c) | Differentiate crystalloids from colloids. | 2.0 |
| 4. | a) | Sketch the circulation pathway of cerebrospinal fluid. | 2.0 |
| | b) | Sketch the pathways of blood coagulation. | 2.0 |
| | c) | Define portal system. Draw the hepatic portal system. | 2.0 |

Chattogram Veterinary and Animal Sciences University
DVM 1st year 1st Semester Final Examination-2020
Subject: Basic and Circulatory Physiology (Theory)
Course Title: BCP-101(T)
Full Marks: 17, Date:
Assignment

Serial number	Title of the Assignment	Roll
1.	Passive Transport	Group-1 (19/06-13, 16,17)
2.	Active Transport	Group 2 20/11-20/20
3.	Channels of plasma membrane	Group 3 20/21-20/31
4.	Plasma proteins	Group 4 20/32-20/42
5.	Granulocytes	Group 5 20/43-20/52
6.	Agranulocyte	Group 6 20/53-20/62
7.	Hematological disorders of primates	Group 7 20/63-20/73
8.	Cardiovascular disorders of mammals	Group 8 20/74-20/83
9.	Blood transfusion in companion animal	Group 9 20/84-20/93
10.	Interpretation of ECG graph interpretation and diagnosing various conditions	

Chattogram Veterinary and Animal Sciences University
DVM 1st year 1st Semester Final Examination-2020
Subject: Animal Science
Course Title: Assignment (Section-B)
Full Marks: 35

Deadline: 04/07/2021, 2:00 PM

Assignment no.	Titles of the Assignment	Student group
1	Livestock and poultry population statistics, demand-supply, meat-milk-egg production and their contribution to GDP	Group-1 20/01-20/10
2	Role of livestock in the national economy of Bangladesh	Group-2 20/11-20/20
3	Vices of farm animals and their remedies	Group-3 20/21-20/31
4	Site selection for different farm animals	Group-4 20/32-20/42
5	Common feeds, fodders and forages available in Bangladesh	Group-5 20/43-20/52
6	Importance of river buffalo production in Bangladesh	Group-6 20/53-20/62
7	Problems and prospects of goat production in Bangladesh	Group-7 20/63-20/73
8	Housing systems for the farm animals	Group-8 20/74-20/83
9	Routine operations and farm management practices in a dairy farm	Group-9 20/84-20/93
10	Constraints of livestock production in Bangladesh	Group-10 20/94-20/100 19/101,19/102 19/27, 19/88

Chattogram Veterinary and Animal Sciences University**DVM 1st year 1st Semester Final Examination-2020****Subject: Animal Science****Course Title: ANS-101 (Theory)****Full Marks: 35, Time: 2 Hours**

(Figures in the right margin indicate full marks. Answer any three questions where **Question no. 1** is compulsory. Fractions of the question must be answered together)

Section-A

- | | | | |
|----|--------|--|------|
| 1. | a) | Elaborate the following terms (Any eleven): | 11.0 |
| | (i) | Steer | |
| | (ii) | Chevon | |
| | (iii) | Lamb | |
| | (iv) | Pullet | |
| | (v) | Puberty | |
| | (vi) | Crossbred | |
| | (vii) | Mule | |
| | (viii) | Stallion | |
| | (ix) | Herd | |
| | (x) | Boar | |
| | (xi) | Kid | |
| | (xii) | Piglet | |
| | (xiii) | Cockerel | |
| | (xiv) | Gestation period | |
| | (xv) | Hybrid | |
| 2. | a) | What is housing? Classify housing systems for the dairy cattle. | 4.0 |
| | b) | Differentiate face-in from face-out stanchion barn systems. Draw and label of a double row face-out system stanchion barn. | 4.0 |
| | c) | Loose housing system is the best for growing heifer-justify. | 4.0 |
| 3. | a) | Discuss the common vices of farm animals. | 4.0 |
| | b) | What is farm management? How will you manage a sheep farm? | 4.0 |
| | c) | State the responsibilities of a farm manager to operate a profitable dairy farm. | 4.0 |
| 4. | a) | Define breed, variety and strain. | 2.0 |
| | b) | Briefly discuss five dairy and five beef breeds. | 6.0 |
| | c) | “Black Bengal goat is a promising goat breed in Bangladesh”- Explain with justifications. | 4.0 |

Chattogram Veterinary and Animal Sciences University

DVM 1st year 1st Semester Final Examination 2020

Subject: Histology & Embryology-1 (Theory)

Course Title: HEM-101 (Theory)

Full Marks: 35, Time: 2 Hours

(Figures in the right margin indicate full marks. Answer any five (5) questions. Fractions of the questions must be answered together).

- | | | | |
|----|----|---|---|
| 1. | a) | How the cytoskeleton is formed? | 2 |
| | b) | The cell is the structural unit of life explain why? | 3 |
| | c) | Define organelle and non-organelles | 2 |
| 2. | a) | Mention the basic tissues with their examples | 3 |
| | b) | Classify epithelial tissues with examples | 4 |
| 3. | a) | Write down the scope of histology & embryology | 3 |
| | b) | Explain staining principle of tissue in a slide. | 4 |
| 4. | a) | Summarize the classification of glands | 7 |
| 5. | a) | Define zygote and cleavage | 2 |
| | b) | What are the structures derived from the neural crest and ectoderm? | 5 |
| 6. | a) | Define ganglia and nerve fibre | 2 |
| | b) | Draw and label of a nerve trunk | 5 |

Chattogram Veterinary and Animal Sciences University

DVM 1st year 1st Semester Final Examination 2020

Subject: Gross Anatomy-1 (Theory)

Course Title: GRA-1 (Theory)

Full Marks: 35, Time: 2 Hours

(Figures in the right margin indicate full marks. Answer any five (5) questions. Fractions of the questions must be answered together).

1. a) Define Anatomy, dorsal, ventral and rostral position 2
b) Describe the anatomy of a typical vertebra with a neat diagram 4
c) Write down the vertebral formulae of cow and horse 1
2. a) Define synsarcosis. List the structures involved in synsarcosis of an ox. 4
b) Enlist the components and contents of orbital cavity of ox 3
3. a) Write down the contents of femoral canal and muscular canal of an ox 2
b) Describe the course of esophagus in an ox. 5
4. a) Enlist the muscles involved with respiration. Mention the origin and insertion any two of them. 4
b) Write a short note on diaphragm in a cow 3
5. a) Describe the anatomy of stifle joint with a neat diagram 5
b) How do you differentiate synsarcosis from symphysis 2
6. a) Sequentially enlist the organs of digestive and respiratory system in an ox. 3
b) Describe the anatomy of rumen in an ox. 4

Chattogram Veterinary and Animal Sciences University
DVM 1st year 1st Semester Final Examination-2020
Subject: Gross Anatomy-I (Theory)
Course Title: GRA-101(T)
Full Marks: 35, Date: 26/06/2021
Assignment (Set-B)

Serial number	Title of the Assignment	Student Group
1.	Formation and development of flat and long bones.	Group-1 (20/01-10)
2.	Foramina and their contents of skull ox.	Group 2 20/11-20/20
3.	Synovial joints of body of a cow.	Group 3 20/21-20/31
4.	Scapula and femur of ox.	Group 4 20/32-20/42
5.	Stomach of ox and goat.	Group 5 20/43-20/52
6.	Small intestine and pancreas of remnant.	Group 6 20/53-20/62
7.	Liver and lung of ox.	Group 7 20/63-20/73
8.	Humerus and pelvis of ox.	Group 8 20/74-20/83
9.	Thoracic cage and larynx of ox.	Group 9 20/84-20/93
10.	Bronchial tree of ox.	Group 9 20/94-20/100 19/101-19/102 19/07,19/10,19/11,19/12,19/27 19/83,19/26,19/88,18/47,18/90

Chattogram Veterinary and Animal Sciences University
DVM 1st year 1st Semester Final Examination-2020
Subject: Histology & Embryology-I (Theory)
Course Title: HEM-101(T)
Full Marks: 35, Date: 08/07/2021
Assignment (Set-B)

Serial number	Title of the Assignment	Student Group
1.	Studies on prokaryotic and eukaryotic types of cells.	Group-1 (20/01-10)
2.	Studies on organelles involved in protein synthesis and processing.	Group 2 20/11-20/20
3.	Studies on the cell membrane and cell junctions.	Group 3 20/21-20/31
4.	Studies on the different type of surface epithelia.	Group 4 20/32-20/42
5.	Studies on dense fibrous connective tissues.	Group 5 20/43-20/52
6.	Studies on different types of cartilages and bones.	Group 6 20/53-20/62
7.	Studies on Hematopoiesis.	Group 7 20/63-20/73
8.	Studies on structural features of different types of muscles.	Group 8 20/74-20/83
9.	Studies on the specialization of the cell surfaces.	Group 9 20/84-20/93
10.	Studies on structural components of a typical neuron.	Group 9 20/94-20/100 19/101-19/102 19/70,19/88