

Reg. No.

MANIPAL UNIVERSITY
FIRST SEMESTER B. Sc. H.I.A. DEGREE EXAMINATION – JUNE 2011
SUBJECT: ANATOMY

Monday, June 06, 2011

Time: 10:00-11:30 Hrs

Maximum Marks: 40

✍ **Answer ALL questions.**

1. Name the parts of gastrointestinal system and describe the duodenum in detail.

(2+8 = 10 marks)

2. **Write briefly on:**

2A. Urinary bladder

2B. Epithelium

2C. Pleura

2D. Ovary

2E. Pituitary gland

2F. Pericardium

(5×6 = 30 marks)



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FIRST SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2011

SUBJECT: PHYSIOLOGY

Wednesday, June 08, 2011

Time: 10:00 – 11:30 Hours

Maximum Marks: 40

1. Essay questions:

- 1A. Draw and label a spirogram showing the various lung volumes and capacities.
- 1B. Define blood pressure. Give its normal value and mention three factors influencing blood pressure.
- 1C. Explain the synaptic transmission in the form of a flow chart.
- 1D. Mention any two functions of thyroid hormones. List three clinical features of myxedema.

(5×4 = 20 marks)

2. Write short answers for the following:

- 2A. Classify white blood cells.
- 2B. Mention the components of blood.
- 2C. Define hypoxia and mention any two types of hypoxia.
- 2D. List two functions of middle ear.
- 2E. Define cardiac output. Give its normal value.
- 2F. List the functions of basal ganglia.
- 2G. List two muscle proteins.
- 2H. Name any four hormones produced by anterior pituitary.
- 2I. Write the components of reflex arc.
- 2J. Mention the components of vestibular apparatus and give its functions.

(2×10 = 20 marks)



MANIPAL UNIVERSITY

FIRST SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JUNE 2011

SUBJECT: ENGLISH

Friday, June 10, 2011

Time: 10:00-13:00 Hrs

Maximum Marks: 80

GRAMMAR**1. Name the Parts of Speech of the words underlined:**

- 1A. This is the book which I bought.
 1B. Sita worked diligently and patiently.
 1C. Oh! That's a terrible sight.
 1D. The dog jumped over the wall.
 1E. You must pay the price or face the consequences.

(1×5 = 5 marks)

2. Use the right Question Tags. The receiver agrees with the statement:

- 2A. You haven't listened to the music before, _____?
 2B. Your sister takes good care of you, _____?
 2C. The chief guest won't be late, _____?
 2D. Sheela didn't see you, _____?
 2E. You don't visit your parents in their village, _____?

(1×5 = 5 marks)

3. Change the Voice of the Verbs in the sentence. Active to Passive or Passive to Active:

- 3A. John gave her a pen.
 3B. They sprayed the car with paint.
 3C. The police brought in the culprit.
 3D. He looks after the business.
 3E. They gave her a beautiful frock.
 3F. He must not be laughed at.
 3G. The murderer will be taken revenge on.
 3H. He should be killed.
 3I. He may be allowed to go.
 3J. Fire surrounded the building.

(1×10 = 10 marks)

4. Rewrite each sentences beginning with the words given to get the Reported form of the spoken words:

- 4A. He said, 'Nambiar works hard '
 He said that _____
 4B. He said, 'I wish I married earlier'
 He said that he _____
 4C. He said to Suvarna, ' Which book do you like? '
 He asked Suvarna _____

- 4D. She said to me, 'I shall give you a pen'.
She said to me that _____
- 4E. 'Read the document before signing', said the lawyer.
The lawyer told me _____

(1×5 = 5 marks)

5. Rewrite the following as directed without changing the meaning:

- 5A. The story was not true but everyone believed it.
Begin: Though _____
- 5B. Wear on your sweater, otherwise you'll feel cold.
Begin: If _____
- 5C. The children were dancing. One of them fell on the floor
Begin: While _____
- 5D. Do not drop the watch. It will break.
Use: In case of _____
- 5E. Do not smoke cigarettes. It is bad for health
Begin: Smoking _____

(1×5 = 5 marks)

6. Supply suitable verbs given in the brackets:

- 6A. You can borrow my bike, I _____ at this moment. (not use)
- 6B. Cuckoos _____ nests. (not build)
- 6C. It was cold, so I _____ on my coat. (put)
- 6D. Binu is a hard worker. She often _____ until midnight (Works)
- 6E. When I reached home mother _____ cooking. (Finish)

(1×5 = 5 marks)

PHONETICS

7. Write short notes on any FIVE of the following:

- 7A. Assimilation
- 7B. Stress
- 7C. Primary cardinal vowels
- 7D. Vowels
- 7E. Falling Intonation
- 7F. Vocal Cords
- 7G. Phonemes and Morphemes

(3×5 = 15 marks)

8. Say whether the statements in relation to Phonetics are True or False:

- 8A. In English there are eight long vowel phonemes.
- 8B. The word 'collector' has three syllables.
- 8C. Monophthongs and Diphthongs are vowels.
- 8D. The English phoneme /y/ is voiced velar nasal
- 8E. The hard palate is an active articulator.

(1×5 = 5 marks)

Fill in the blanks using suitable words:

- 9A. A sequences of consonants is known as _____.
- 9B. When oral sounds are made _____ is blocked.
- 9C. _____ is a voiced bilabial nasal phoneme.
- 9D. Plosives are known as _____.
- 9E. We round our lips when we articulate the phoneme _____.

(1×5 = 5 marks)

10. Transcribe the following in phonemic symbols:

- 10A. money
- 10B. news
- 10C. garden
- 10D. grass
- 10E. wander

(1×5 = 5 marks)

US English

11. Say whether the statements in respect of American and British English are True or False:

- 11A. 'Folks' is an American slang to mean 'parents or relatives'.
- 11B. 'Pig out' is an American slang which means 'to eat too much'.
- 11C. 'Bank holiday' is a 'Legal holiday' in British English.
- 11D. 'Tube' in British English means 'TV'.
- 11E. In American English 'hopped down' means 'made a trip'.

(1×5 = 5 marks)

12. What do the following American usage mean in British English:

- 12A. Fish Store
- 12B. back yard
- 12C. speed bump
- 12D. splash
- 12E. railroad
- 12F. cement mixture
- 12G. crib
- 12H. candy
- 12I. garbage can
- 12J. folks

(1×10 = 10 marks)

