MANIPAL UNIVERSITY

FIRST SEMESTER B.Sc. N.M.T./B OPTOM./B.Sc. H.I.A./B.Sc. P.F.T./M.Sc. H.H.I.A
DEGREE EXAMINATION – JANUARY 2015

SUBJECT: ANATOMY/GENERAL ANATOMY
(COMMON FOR NMT 103:GS/BOP 101:GS-2012 BATCH/BHI 101:CBS-2013 SCHEME/
PFT 101:GS, 2013 SCHEME/MHI 601:CBS-2013 SCHEME)

Thursday, January 01, 2015

Time: 10.00-11.30 Hrs.   Max. Marks: 40

✎   **Answer ALL the questions.**

1.   Name the parts of the male reproductive system. Describe the testis.

(5+5 = 10 marks)

2.   **Write short notes on the following questions:**

2A. Classification of synovial joints

2B. Larynx

2C. Internal capsule

2D. Right atrium

2E. Pituitary gland

2F. Anal canal

(5 marks × 6 = 30 marks)

༺༼༻༼༺

MANIPAL UNIVERSITY

FIRST SEMESTER B.Sc. H.I.A./B.Sc. N.M.T. DEGREE EXAMINATION – JANUARY 2015

SUBJECT: PHYSIOLOGY (BHI 103/NMT 105)
(CREDIT BASED SYSTEM – 2013 SCHEME/GRADING SYSTEM)

Saturday, January 03, 2015

Time: 10:00 – 11:30 Hours   Maximum Marks: 20

✍ **Essay Questions:**

1.   In the form of a flow chart, write the steps involved in the intrinsic mechanism of blood coagulation.

(5 marks)

2.   With the help of labeled diagram describe the left ventricular pressure changes during a cardiac cycle.

(5 marks)

3.   **Write short answers for the following**:

3A. Classify hypoxia
3B. Define tidal volume and give its normal value
3C. Describe primary active transport with an example
3D. List any two functions of aqueous humour
3E. Write a short note on rigor mortis

(2 marks × 5 = 10 marks)

MANIPAL UNIVERSITY

FIRST SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2015

SUBJECT: BHI 105: ENGLISH
(2013 SCHEME)

Monday, January 05, 2015

Time: 10:00-13:00 Hrs   Maximum Marks: 80

GRAMMAR

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

1A. <u>Gandhiji</u> was the Father of or Nation.
1B. Copy this out <u>carefully</u>.
1C. Sita is <u>clever</u> and industrios.
1D. <u>Alas!</u> The poor woman died in the hospital.
1E. The thief <u>jumped</u> over the wall.

(1 mark × 5 = 5 marks)

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

2A. Peter plays football, _____?
2B. He is not coming, _____?
2C. They can't swim well, _____?
2D. She has read this book, _____?
2E. The tiger has bright and furious eyes, _____?

(1 mark × 5 = 5 marks)

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

3A. Rick told Sue to give up smoking.
3B. I was given the keys by Raju.
3C. They expected us to build the road.
3D. We must write to her.
3E. Jack has installed a new computer software
3F. People said that the President is ill.
3G. The professor is going to show the students an old bone.
3H. They develop a new type of washing powder.
3I. Who said it?
3J. My father is reading the newspaper.

(1 mark × 10 = 10 marks)

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

4A. 'What on earth do you mean?' he shouted.

He shouted _____.

4B. She said, 'Sudhir was swimming in the pool.'

She said that _____.

4C. 'Don't sleep late and miss the train,' said the teacher.

The teacher advised _____.

4D. She said, 'Let us have a picnic on Saturday.'

She suggested _____.

4E. Tom said, 'Will you come and play ball with me?'

Tom asked _____.

(1 mark × 5 = 5 marks)

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

5A. What a beautiful scenery!

Begin: It is _____.

5B. Hercules was stronger than any other man.

Begin: No other _____.

5C. Please, get me a glass of water.

Begin: Will you _____?

5D. Light travels faster than anything else.

Begin: Nothing _____.

5E. Madras is one of the biggest cities in India.

Begin: Very few _____.

(1 mark × 5 = 5 marks)

6. **Supply suitable verbs in the brackets:**

6A. The class _____ at 11.00 am everyday. (start)

6B. I _____ from Bangalore, the IT hub of India. (come)

6C. I _____ for my father for two hours. (wait)

6D. After Harry _____ the film on TV, he decided to buy the book. (see)

6E. Neither the bus nor the trains _____ today. (run)

(1 mark × 5 = 5 marks)

PHONETICS

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

7A. Back vowels

7B. Tune

7C. Central vowels

MANIPAL UNIVERSITY

FIRST SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2015

SUBJECT: BHI 109: INTRODUCTION TO HEALTHCARE DELIVERY SYSTEM
(CREDIT BASED SYSTEM – 2013 SCHEME)

Wednesday, January 07, 2015

Time: 10:00-11:30 Hrs   Maximum Marks: 40

✎   **Answer ALL the questions.**

SECTION – A

1.   Explain briefly the concepts of health care financing. What are the different types of health care financing?

(10 marks)

2.   Explain briefly the role of a hospital administrator as a leader.

(10 marks)

3.   Give a brief overview of the apex body of health care management in India.

(10 marks)

SECTION – B

4.   Structure of the health care system in India

(5 marks)

5.   Health insurance

(5 marks)

ॐ€Ω€Ω€

7D. Speech organs

7E. Alveolar consonants

7F. Stress

7G. Dental

(3 marks × 5 = 15 marks)

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

8A. The first and the second vowel sounds in the word *serious* is diphthong.

8B. A diphthong always occupies one syllable.

8C. [ow] is the vowel in the word show

8D. The tip/blade of the tongue is one of the passive articulators.

8E. [z, v] The production of these sounds involves a vibration of the vocal cords

(1 mark × 5 = 5 marks)

9. **Fill in the blanks with suitable words:**

9A. During the production of _____ passage of air is continuous and frictionless.

9B. _____ is defined as the smallest meaningful unit of a language.

9C. Nasal sound are produced by a _____ of mouth.

9D. Air escapes through this when we produce m or n _____.

9E. The syllable structure of the word 'cat' is _____.

(1 mark × 5 = 5 marks)

10. **Transcribe the following in Phonemic symbolic:**

10A. write

10B. sleep

10C. thing

10D. near

10E. there

(1 mark × 5 = 5 marks)

US ENGLISH

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

11A. In British English high pitch is a mark of emphasis.

11B. 'Phone in American English is referred to as 'Horn'

11C. 'Shell out' in American means 'spend'

11D. 'Uncle Sam' is referred to as 'The United States'

11E. In British English, the phrase "see you later' means 'goodbye'

(1 mark × 5 = 5 marks)

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

12A. Truck

12B. Sidewalk

12C. Gas Station

12D. Pass

12E. first floor

12F. Cookie

12G. Dead end

12H. Hood

12I. Trunk

12J. License Plate

(1 mark × 10 = 10 marks)

༄༅༄༅