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MANIPAL UNIVERSITY

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

SUBJECT: PHYSIOLOGY (BHI 103/NMT 105)
(CREDIT BASED SYSTEM – 2013 & 2014 SCHEME)

Thursday, June 04, 2015

Time: 10:00 – 11:30 Hours

Maximum Marks: 20

1. Essay questions:

- 1A. Define blood pressure. Describe in detail the short term regulation of blood pressure.
1B. Draw a labeled diagram of the visual pathway. Name two refractory errors of the eye.

(5 marks × 2 = 10 marks)

2. Write short answers for the following:

- 2A. Describe primary active transport. Give one example for it.
2B. List any two functions of plasma proteins.
2C. Define cardiac output. Give its normal value.
2D. Define hypoxia. Mention any two types of hypoxia.
2E. Mention any two differences between skeletal and cardiac muscles.

(2 marks × 5 = 10 marks)



MANIPAL UNIVERSITY

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

SUBJECT: BHI 105: ENGLISH
(CREDIT BASED SYSTEM-2014 SCHEME)

Saturday, June 06, 2015

Time: 10:00-13:00 Hrs

Maximum Marks: 80

GRAMMAR

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

- 1A. Apples are sweet.
1B. Oh! that's terrible.
1C. The sun sets in the West.
1D. The monkey climbed up the tree.
1E. Copy this out carefully.

(1 mark × 5 = 5 marks)

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

- 2A. A few boys went for the picnic, _____?
2B. She hasn't a big house, _____?
2C. She is in her sixties, _____?
2D. He is very hungry, _____?
2E. Rahim didn't attend classes yesterday, _____?

(1 mark × 5 = 5 marks)

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

- 3A. David built all the beautiful palaces.
3B. Lions have attacked the travellers.
3C. I am being watched by someone.
3D. She offered him a seat in the bus.
3E. This guitar has not been tuned by anyone for years.
3F. We must obey our elders.
3G. Joan took all the children to the beach.
3H. Oxford has published a new book on Etymology.
3I. They attacked India in the eleventh Century.
3J. They sprayed the bus with paint.

(1 mark × 10 = 10 marks)

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

4A. She said, 'He is coming this week'

She said _____

4B. He said to me, 'My mother died last year'.

He told me _____

4C. The Salesman said, 'We always satisfy our customers'.

The Salesman _____

4D. She said, 'Is it your final decision?'

She asked _____

4E. He said, 'If you were young I would marry you?'

He said that _____

(1 mark × 5 = 5 marks)

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

5A. Go anywhere in this village, you can find green fields.

Begin: Wherever _____

5B. She has just bought a book which is very useful.

Begin: The book _____

5C. On arrival at the airport, the passengers got down

Begin: When _____

5D. When he opened the bag, he found a gold necklace in it.

Use: On _____

5E. Bose was a great man. I know it.

Begin: I know _____

(1 mark × 5 = 5 marks)

6. Supply suitable verbs given in the brackets:

6A. We _____ the same brand of shampoo for the past ten years. (use)

6B. In the middle ages, people _____ that the earth was flat. (believe)

6C. The author's new book _____ next month. (publish)

6D. After the girl _____ herself, she left for school (dress)

6E. Sheena never _____ milk. (drink)

(1 mark × 5 = 5 marks)

PHONETICS

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

7A. Free and bound Morphemes

7B. Primary cardinal vowels

7C. Oral and nasal sound

- 7D. Trill and Tap
- 7E. Syllabic consonants
- 7F. Alveolar Ridge
- 7G. Labio-dentals

(3 marks × 5 = 15 marks)

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

- 8A. A syllable is longer than a word.
- 8B. When the vocal cords vibrate voiced phonemes are made.
- 8C. The word went is a bound Morpheme.
- 8D. All English phonemes are Oral.
- 8E. The English letter C always represents the phoneme /k/.

(1 mark × 5 = 5 marks)

9. Fill in the blanks using suitable words:

- 9A. A sequences of consonants is known as _____.
- 9B. The word cleaner the last phoneme is _____.
- 9C. _____ is a semi vowel.
- 9D. Phonetic transcriptions of symbols are shown within _____.
- 9E. The most important part in a syllable is _____.

(1 mark × 5 = 5 marks)

10. Transcribe the following in phonemic symbols:

- 10A. taxi
- 10B. sir
- 10C. school
- 10D. mend
- 10E. put

(1 mark × 5 = 5 marks)

US ENGLISH

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

- 11A. 'Shares' is 'Stocks' in American English.
- 11B. 'Raw Vegetables' is called 'rabbit food' in American English.
- 11C. Railroad is a term used by in American English speakers.
- 11D. Vest in American English means pants in British English.
- 11E. 'For a song' is an idiom in American English. It means 'in a hurry'.

(1 mark × 5 = 5 marks)

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

12A. tipsy

12B. hot car

12C. pig out

12D. candy

12E. catering hole

12F. apartment

12G. rent

12H. horn

12I. lawyer

12J. hubby

(1 mark × 10 = 10 marks)



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MANIPAL UNIVERSITY

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

**SUBJECT: BHI 109: INTRODUCTION TO HEALTHCARE DELIVERY SYSTEM
(CREDIT BASED SYSTEM – 2014 SCHEME)**

Tuesday, June 09, 2015

Time: 10:00-11:30 Hrs

Maximum Marks: 40

Answer ALL the questions.

SECTION – A

1. Why is it important for a leader to be socially committed to health care of society?
2. Define marketing. Discuss briefly the importance of marketing in hospitals.
3. Which are the different agencies providing public health care in India? Explain each of them briefly.

(10 marks × 3 = 30 marks)

SECTION – B

4. National health spending
5. Quality care of patients

(5 marks × 2 = 10 marks)

