

MANIPAL UNIVERSITY**FIRST SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2009****SUBJECT: ENGLISH**

Wednesday, January 07, 2009

Time: 10:00 – 13:00 Hours

Maximum Marks: 80

1. Write short notes on any EIGHT of the following:

- 1A. How to describe a consonant?
- 1B. Long vowels
- 1C. Falling intonation
- 1D. US spelling
- 1E. Articulators
- 1F. Intrusive r
- 1G. Parts of a syllable
- 1H. Aspiration
- 1I. Fricatives
- 1J. Vocal cords

(3×8 = 24 marks)

2. Name the parts of speech of the words underlined in the sentences below:

- 2A. The seas are deep and the hills are high.
- 2B. All roses are not red.
- 2C. Success comes from hard work.
- 2D. This line is not straight enough.
- 2E. Who is that person coming to us?
- 2F. Power corrupts any one.
- 2G. A thing of beauty is a joy for ever.
- 2H. Why do the birds fly in the sky?

(½×8 = 4 marks)

3. Rewrite the following affirmative sentences into negative sentences and then into interrogative sentences.

- 3A. My mother cooks very well.
- 3B. The meeting began at 9 o' clock.
- 3C. Helen will attend the party.
- 3D. She can go home.
- 3E. It could be a pleasant surprise.
- 3F. She has done a lot of work.
- 3G. The boys had reached early.
- 3H. They have been living here since childhood.
- 3I. The patient was discharged last evening.
- 3J. The newspaper has published your article.

(1×10 = 10 marks)

4. Turn the passive voice sentences into active voice, and the active into passive:

- 4A. All scientists know the fact.
- 4B. Circumstances compelled her to beg.
- 4C. The invalid is being looked after by the nurse.
- 4D. An exhibition is held in Ajmir every year.
- 4E. You astonish us.
- 4F. Men have been ruined by gambling.
- 4G. She was dismissed from service.
- 4H. In winter people burn a great deal of firewood.
- 4I. Traffic rules must be obeyed by drivers.
- 4J. They speak English in Nagaland.

($\frac{1}{2} \times 10 = 5$ marks)

5. Use the right form of the Verbs in the brackets:

- 5A. My sister usually _____ up at six and _____ her breakfast at eight. (wake, have)
- 5B. What's the matter with her? She _____ in the chair and _____. (sit, cry)
- 5C. I never go to bed before I _____ my work. (finish)
- 5D. The door bell _____ for the past five minutes. (ring)
- 5E. Murugan _____ enough money to buy a bicycle by the end of this year. (save)
- 5F. I would have stayed at home if _____ you were coming. (know)
- 5G. If it rains, the match _____. (cancel)
- 5H. She _____ hard that she might pass the examination. (study)
- 5I. People _____ that it is a wonderful place to visit. (say)
- 5J. He _____ very punctual. (be)

($\frac{1}{2} \times 10 = 5$ marks)

6. Rewrite as directed.

- 6A. The lady said to the girl, 'I can take you in my car if you don't mind.'
Begin: The lady told the girl ...
- 6B. The little boy said to his father, 'Why does it rain every year?'
Begin: The little boy asked his father ...
- 6C. Mother said to me, 'Switch off the lights before going to bed.'
Begin: Mother advised me ...
- 6D. Rosy said to Lata, 'Where did you buy this new umbrella?'
Begin: Rosy wanted to know from Lata ...
- 6E. The Manager said to the assistant, 'Leave all the files here.'
Begin: The Manager asked ...
- 6F. I said to Kishan, 'Will Tom be here tomorrow?'
Begin: I asked Kishan ...
- 6G. This town is cleaner than Rishipet.
Use: clean
- 6H. No other painting in this museum is as expensive as this one.
Use: most
- 6I. Iron is one of the most useful metals.
Use: more
- 6J. This article is more interesting than your story.
Use: so interesting

($\frac{1}{2} \times 10 = 5$ marks)

7. **Transform the following sentences as directed without changing the meaning:**

7A. When you have completed the job given, give me a call.

Begin: On ...

7B. Why did you go there? Tell me.

combine the sentences.

7C. We eat so that we may live.

Remove 'so that'

7D. Say it loudly, otherwise I can't hear you.

Begin: If ...

7E. Your son is quite old. He can go to school.

Use: enough

7F. She walked up to the front door, and rang the bell.

Begin: Walking ...

7G. They could hear the church bell. They were ringing.

Combine the sentences without using 'and'.

7H. They locked the house and then went out.

Begin: Before ...

7I. He was surprised when he heard of your failure.

Use: to hear

7J. Deb is very stupid. He can't understand.

Use: too

($\frac{1}{2} \times 10 = 5$ marks)

8. **Say whether statements given below with reference to phonetics and US English are true or false:**

8A. In English there are only twenty-six letters of the alphabet but there are forty four phonemes.

8B. Nasal phonemes are produced when oral passage is open.

8C. Vocal cords are situated in the larynx.

8D. 'Spoon' has a long vowel in it.

8E. In rapid speech some of the words in English assume weak forms.

8F. In the word 'flight' initial two letters represent a consonant cluster.

8G. -less in the English word 'countless' is a prefix.

8H. Litre in the US spelling of the word litre.

8I. In conversation 'huh' in US English means what.

8J. 'See you soon' in US English means I shall meet you soon.

($\frac{1}{2} \times 10 = 5$ marks)

9. **Fill in the gaps using words relating to US English and Phonetics.**

9A. The number of phonemes in English is _____.

9B. _____ is voiced bilabial stop.

9C. In the word strange, the underlined three letters represents _____.

9D. What colour is a rainbow? is said with _____ intonation.

9E. In the English word 'feast', the vowel is _____.

9F. In the word 'power' the final vowel is a _____.

9G. American English speakers spell the word levelled as _____.

9H. Cot is _____ in US English.

9I. He ate his breakfast 'on the fly' means _____.

9J. Hire a car is _____ a car in US English.

($\frac{1}{2} \times 10 = 5$ marks)

10. Match the following:

- 10A. deep : closet
10B. fail : voiced bilabial stop
10C. wrong : ladder
10D. clear : undershirt
10E. bun : closed syllable
10F. ten minutes : dark l
10G. cap : assimilation
10H. letter : central diphthong
10I. vest : front long high vowel
10J. cupboard : ŋ

($\frac{1}{2} \times 10 = 5$ marks)

11. What do the following mean in American English?

- 11A. a long speech
11B. a night dress
11C. dust bin
11D. crisps

($\frac{1}{2} \times 4 = 2$ marks)

12. Transcribe the following in phonemic notation:

- 12A. leaf
12B. tenth
12C. finger
12D. look
12E. seat
12F. rude
12G. bookish
12H. silver
12I. then
12J. come

($\frac{1}{2} \times 10 = 5$ marks)



Reg. No.

MANIPAL UNIVERSITY

FIRST SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2009

SUBJECT: PHYSIOLOGY

Tuesday, January 06, 2009

Time: 10:00 – 11:30 Hours

Maximum Marks: 40

✍ **Answer ALL questions.**

1. Essay questions.

- 1A. Give the normal value of red blood cells in an adult male. List the functions of RBCs. Mention two conditions where RBC count is increased.
- 1B. Mention three actions of thyroid hormones. Add a note on cretinism.
- 1C. Define blood pressure. Give its normal value. Explain three factors influencing blood pressure.
- 1D. Explain the chemical regulation of breathing.

(5×4 = 20 marks)

2. Write short answers for the following:

- 2A. Describe the passive transport across the cell membrane.
- 2B. Name the different types of leukocytes.
- 2C. Draw a neat labelled diagram of an ECG. Mention the cause for each wave.
- 2D. Draw and label a spirogram.
- 2E. List two differences between upper motor neuron and lower motor neuron lesion.
- 2F. List the steps involved in neuromuscular transmission.
- 2G. List four functions of liver.
- 2H. Draw a neat labelled diagram of a nephron.
- 2I. List the hormones of pancreas and give one action of any one hormone.
- 2J. Draw a flow chart to show the regulation of testosterone secretion.

(2×10 = 20 marks)



Reg. No.									
----------	--	--	--	--	--	--	--	--	--

MANIPAL UNIVERSITY

FIRST SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – JANUARY 2009

SUBJECT: ANATOMY

Monday, January 05, 2009

Time: 10:00 – 11:30 Hours

Maximum Marks: 40

✍ Answer ALL questions.

1. Draw a neat labelled diagram of sagittal section of the eye ball and describe the "RETINA" in detail.

(5+5 = 10 marks)

2. Write briefly on:

- 2A. Cerebellum
- 2B. Kidney
- 2C. Gall-bladder
- 2D. Broncho-pulmonary segments
- 2E. Uterine tube
- 2F. Testis

(5×6 = 30 marks)

