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**Question Paper Code : 90308**

B.E./B.Tech. DEGREE EXAMINATIONS, NOVEMBER/DECEMBER 2019

Second Semester

Civil Engineering

HS 8251 – TECHNICAL ENGLISH

(Common to All Branches (Except Marine Engineering))

(Regulations 2017)

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions

PART – A

(10×2=20 Marks)

1. Choose the appropriate verb that agrees with the subject in the following sentences :  
(4×½=2 Marks)
  - a) Richards \_\_\_\_\_ (love/loves) playing games on the mobile because it \_\_\_\_\_ ( is /are) good entertainment.
  - b) The project, which involved collecting a lot of data, \_\_\_\_\_ (was/were) finished on time. The Chairperson, who was the head of all the teams \_\_\_\_\_ (is/are) visiting to meet the team members.
2. Write compound words in the blanks combining two words given below suiting the meaning of the sentences :  
(4×½=2 Marks)  
(watch, ice, motor, man, gas, cream, stove, cycle)
  - a) The boy was eager to drive as his father gifted him a \_\_\_\_\_.
  - b) As it was very hot they decided to eat \_\_\_\_\_.
  - c) The \_\_\_\_\_ on duty was enquired about the robbery.
  - d) He used the microwave oven as the \_\_\_\_\_ was given for service.
3. Write definitions for any of the **two** following terms :  
(2×1=2 Marks)  
resume, antivirus, logo, startup, calculator.



4. Convert the following statements into impersonal passive voice : (2×1=2 Marks)
- The researcher added the solution to the beaker containing the salt solution.
  - The engineers have designed the lay out considering all the factors mentioned by the clients.

5. Write the correct numerical adjective for the following phrases : (4×½=2 Marks)
- A football ground of 15000 square feet
  - A team of 5 members
  - An apartment of 7 rooms
  - A course lasting 6 weeks

6. Identify the word with the correct spelling : (4×½=2 Marks)
- seperate, separate, seperate, sepearate
  - occurrence, occurence, ocurrence , occourence
  - liscence, lisencc, liscense, licensc
  - symmetry, symmettry, symetry, symmetry

7. Fill the most appropriate sequence words in the blanks : (4×½=2 Marks)  
(finally, initially, next, secondly, first)

\_\_\_\_\_ even before applying paint on the surface, the wall has to be cleaned well. As the \_\_\_\_\_ step of painting, the primer has to be applied. \_\_\_\_\_ allow it to dry for one hour. \_\_\_\_\_ apply the desired color. The wall looks smooth and new.

8. Convert the following into indirect speech : (1×2=2 Marks)  
The teacher said, "The experiment you are about to do needs care and patience. Any small error can cause erroneous results and you will have to repeat it over from the beginning."

9. Choose the appropriate synonyms for the words highlighted in the sentences : (4×½=2 Marks)
- Science makes us **SCEPTICAL** about several things we otherwise believe.  
i) doubtful      ii) scared      iii) honest      iv) decided
  - The statement she made was an **AUTHENTIC** one.  
i) fake      ii) great      iii) big      iv) real
  - I **CRAVED** for sweets after a period of strict dieting.  
i) made      ii) desired      iii) ate      iv) hated
  - The path to success is an **ARDUOUS** one with no short cuts.  
i) easy      ii) difficult      iii) expensive      iv) short



10. Complete the sentences using the correct conditional phrases : (4×½=2 Marks)

- a) If you had informed me, I \_\_\_\_\_ (help) you in time.
- b) The research \_\_\_\_\_ (take) a longer time, if the equipment do not reach within this week.
- c) If I had read well in my youth, I \_\_\_\_\_ (win) this contest.
- d) Badminton would be the right game for you, if you \_\_\_\_\_ (a fit person).

PART - B

(5×16=80 Marks)

11. Read the following passage and answer the questions given below : (16 Marks)

Have you ever had the desire to wander the world and see what was out there ? While some people prefer to stay in the comfort of their own homes, others have been bitten by the travel bug and can't wait to explore the world. Every year millions of people pack their suitcases or put on backpacks and flock to visit the seven continents of the world. They wander through the castles and museums of Europe, and the cities and natural wonders of North and South America. Some visit the vast exotic cultures of Asia, Africa and the Middle East. And a few lucky people even make to the most mysterious continent on the earth - Antarctica. Why do people want to explore the world ? It gives them a better perspective about the earth and the people living on it. It opens their minds, it gives them a feeling of accomplishment, and it makes them feel alive. Every year, thousands of people try to climb the world's highest mountains or walk across continents. In the past, explorers had compasses and maps, but today's adventurers have satellite phones and GPS. They also use their travels to let the world know about climate change and help people in the countries they visit.

Jake from Austria fell in love with climbing as a teenager. When he left school, he worked as a teacher and climbed in his free time. Starting with Everest, he has been climbing all the world's fourteen peaks over 8,000 metres. To increase the challenge, Jake climbs without using oxygen tanks. Low oxygen levels can make climbers ill, so Jake has to climb slowly. Jake is passionate about Nepal and raises money for a charity for poor children and orphans there.

Ed Stafford from the UK is the first person to walk the length of the Amazon River. He started by a small stream in the Andes Mountains of Peru and arrived at the river's mouth in Brazil, two years and four months later. Snakes, crocodiles and jaguars live in the Amazon rainforest, so it's a dangerous place. Luckily, Ed avoided the big animals, but he was bitten by ants and mosquitoes every day. Ed used his walk to let the world know about climate change and raise money for environmental charities in Brazil and Peru.



Despite new technologies, adventurers still have to live with terrible weather, lack of food and wild animals. Preparation and training are essential, but if you have a sense of adventure, there are continents to cross and hundreds of mountains to climb.

- i) To be bitten by the travel bug actually refers to
  - a) the travel bug which is a dangerous insect
  - b) having the urge to travel
  - c) the bag that travelers usually carry
  - d) a bug that corrupts satellite phones
- ii) Why do people want to explore the world ?
  - a) They wish to improve their geographical knowledge
  - b) They learn how difficult it is to travel
  - c) They can afford to spend time and money
  - d) They get a perspective about the world and people
- iii) Every year \_\_\_\_\_ pack their suitcases or put on backpacks and flock to visit the seven continents of the world.
  - a) hundreds of people
  - b) thousands of people
  - c) millions of people
  - d) billions of people
- iv) According to the passage travelers who love castles and museums often tour
  - a) South America
  - b) Europe
  - c) Antarctica
  - d) Australia
- v) Modern explorers use
  - a) compasses and maps
  - b) satellite phones and GPS
  - c) local guides
  - d) animal footprints and noises



vi) Which one of the following is not one of the benefits of travelling, according to the passage ?

- a) it opens their minds
- b) it gives them a feeling of accomplishment
- c) it makes them feel alive
- d) it helps develop friendships

vii) Jake climbs mountains without using oxygen tanks in order to

- a) increase the challenge
- b) experiment with climbing
- c) save money
- d) increase his speed of climbing

viii) Jake raises money for the cause of

- a) keeping mountain clean
- b) building a mountain climbing school
- c) orphaned children of Nepal
- d) buying oxygen cylinders

ix) Ed Stafford belongs to which of the following countries ?

- a) the USA
- b) the UK
- c) the UAE
- d) Austria

x) The danger Ed faced as a walker in the Amazon forests was

- a) he was attacked by wild animals
- b) he was bitten by mosquitoes and other insects
- c) losing direction
- d) running out of food and water

**(10)**

xi) A suitable topic for the passage would be \_\_\_\_\_

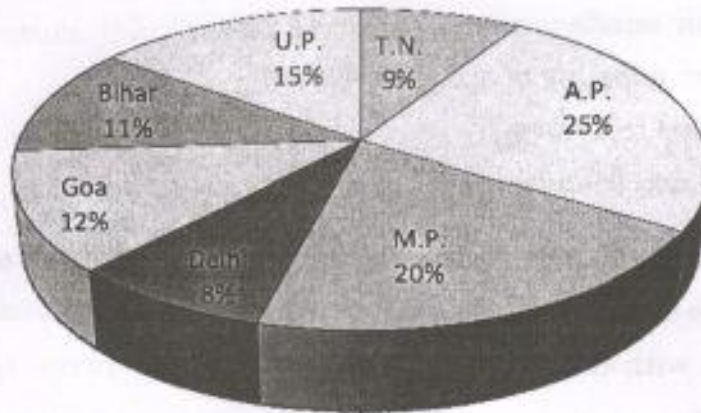
**(1)**

xii) Write a short summary of the given passage.

**(5)**



12. a) The Pie chart represents the percentage of population who are active in social media. Write a paragraph interpreting the data given below in 200 words. (16)



(OR)

- b) Study the following table which gives the details about the petroleum product's boiling points and uses. Write a paragraph presenting the information using degrees of comparison. (16)

Product	Approximate Boiling Point (in degrees)	Uses
Gas	Below room temperature	Gaseous fuel
Petroleum Ether	30-90	Solvent
Gasoline or Petrol	40-200	Motor fuel
Kerosene	175-275	Illuminant
Fuel Oil or Diesel Oil	Above 275	Fuel for Diesel Engines
Lubrication Oil	Above 300	Lubricants
Residual Material	Above 350	Vaseline

13. a) Aditya Birla Group is looking for Freshers in various departments for their new projects. The post called for is Junior Engineer in any Engineering degree. Apply for the post with a detailed Resume to the email id [hr.adityabirla@gmail.com](mailto:hr.adityabirla@gmail.com). (16)

(OR)

- b) Write a cover letter and enclose your resume for an internship position at P&G Ltd for the post of Project Trainee. Write to Mr. Shridhar, Manager-Internships, P&G Ltd, Mumbai. (16)



14. a) Imagine you are the Supervisor In-charge of Petrofirm Industries, Karapaakam, Chennai-Trichy Highway. A fire accident occurred on 25th March 2018 in the warehouse section claiming the lives of 2 employees and left 5 injured. A consolidated loss of Rs. 25.5 lakh was incurred by the company. Write an accident report with all the details to The Manager, Safety Division, Petrofirm Industries. Invent all the necessary details. (16)

(OR)

- b) You wish to know more about the students who work part time after class hours in your college. You wanted to learn the reasons, the amount they earned, the number of hours, advantages and disadvantages of working part time and other related data. Write a detailed report based on the data collected and interpret the findings. (16)

15. a) Write an essay on the role of technology in the development of India in the current times with specific examples from various fields in about 250 words. (16)

(OR)

- b) Write an essay about the importance of winning and having a positive mindset among the youth of our country and suggest ways of developing it in about 250 words. (16)