

Birla Institute of Technology and Science, Pilani, Pilani Campus
English Skills for Academics (HSS F224)
Semester I _ 2023-24
Mid-semester Examination (Closed Book)

MM: 50

Duration: 90 mins

Date: 09/10/23 AN1

Answer all questions in the answer sheet only.

Do not rewrite the complete sentences in the answer sheet for fill in type questions.

Write legibly.

I. *Hedges and boosters: Fill in the blanks with the most appropriate and correct option.*
(1 × 10 = 10 Marks)

1. According to the WHO there were _____ 1.24 million deaths on the road in 2010 across the world, equating to _____ 3400 a day, with estimates of injuries arising from road traffic crashes rising from the eleventh to the eighth leading cause of mortality from 2002 to 2010.
A) on an average, approximately
B) probably, mostly
C) approximately, a considerable
D) approximately, almost
2. Intellectual property contamination is a risk that is common not just to the crowdsourcing of solutions, but also to innovation _____ ; it involves using, combining, and building on existing content.
A) in general
B) substantially
C) roughly
D) probably
3. The strength of a material can _____ affect its suitability for specific applications.
A) certainly
B) approximately
C) indefinitely
D) demonstrate
4. Home credit has traditionally been—and to _____ remains—a face-to-face business built on close personal relationships between borrowers and loan agents.
A) a large extent
B) indicate
C) largely
D) a somewhat extent
5. The authors _____ that all procedures contributing to this work comply with the ethical standards of the relevant national and institutional committees on human experimentation and with the Helsinki Declaration of 1975, as revised in 2008.
A) hypothesize
B) demonstrate

- C) conclude
D) assert
6. It is particularly noticeable that the municipalities surrounding the city of Mumbai are _____ contributing to the food demand through their high population density and their low share of farmland.
A) approximately
B) definitely
C) substantially
D) indiscriminately
7. These results clearly _____ that the erosion behaviour of a ductile and a brittle material is as expected.
A) suggest
B) observe
C) argue
D) demonstrate
8. The _____ increase in computing power has revolutionized engineering simulations.
A) probably
B) considerable
C) demonstrate
D) mostly
9. ... this thesis _____ strongly that socialization in the international sphere should be conceptualized as a distinct process.
A) argues
B) observes
C) assumes
D) perceives
10. The reaction time to respond to simple visual stimuli, such as the display of a letter on screen (~ 0.20 s) is substantially _____ than the reaction time to respond to complex visual stimuli that involve some level of analytic thinking, such as selecting a response based on the type of letter shown (~ 0.40 s) (Logan et al., 1984)..
A) weaker
B) stronger
C) lesser
D) faster

II. *Fill in the blanks with the words appropriate from the options given. (5 Marks)*

benefits	challenges	reasonable	unreasonable
exponentially	steadily	disproved	demonstrated
significant	dramatic	unpredictably	predicated

While it's true that quantum computing is still in its early stages of development and faces technical challenges, it would be premature to dismiss its potential impact on engineering. Research and development in quantum computing have been progressing _____, with notable breakthroughs in recent years. Major tech companies and research

institutions are actively investing in quantum computing research, demonstrating confidence in its potential.

Moreover, quantum computing's ability to perform certain types of calculations exponentially faster than classical computers has been _____ in laboratory settings. While scalability and error correction are legitimate concerns, these are areas of active research, and scientists are making _____ strides in addressing these challenges.

Therefore, it is not _____ to believe that as quantum computing technology matures, it will indeed revolutionize information processing and contribute to solving engineering problems that were previously computationally infeasible. The potential _____ of quantum computing in terms of computational power and problem-solving capabilities should not be underestimated, even though practical implementation may require more time and effort.

III. Complete the sentences with their known phrase related to the words in brackets. Use nouns from the same family as the underlying words. (2 × 5 = 10 Marks)

1. ... students also learn about the processes involved in _____ (how advertising messages are created)
2. Walter (2020) points out _____ in building critical analysis skills. (how important knowledge structures are)
3. Adam, George, and Steven (2023) measured _____ and effects, and _____ (what middle school students know about advertisers tactics; how skeptical they were of advertising)
4. Improving _____ may have more potential for creating discerning consumers. (what students understand about the way advertising works)

IV. Elaborate on *a* & *b* in 100 words each. (10 Marks)

- a. Technicality and abstraction
- b. Grammatical complexity in hard pure disciplines

V. Write an *extended definition* of 'academic discourse of science & engineering' in general to specific pattern in 200 words. (15 Marks)