

**B.TECH. (AEROSPACE ENGINEERING)
(BTAE/BTCLEVI/BTMEVI/BTELVI/BTECVI/
BTCSVI)**

Term-End Examination

December, 2011

00112

**BAS-003 : TECHNICAL WRITING &
COMMUNICATION SKILL**

Time : 3 hours

Maximum Marks : 70

Note : Answer six questions in all. Question no. 1 is compulsory.

1. (a) State the choice closest in meaning in the given word (synonym) : 5
- (i) PROFILE
- (A) Out line (B) In line
- (C) Cross line (D) By line
- (ii) LINEN
- (A) Cloth (B) Curtain
- (C) Bed Sheet (D) Dress
- (iii) BUCKLE
- (A) Collar (B) Belt
- (C) Pin (D) Stick
- (iv) MUNDANE
- (A) Ordinary
- (B) State
- (C) Comprehensible
- (D) Supernatural

(v) DAMP

(A) Moist

(B) Dry

(C) Solid

(D) Brittle

(b) Select the choice closest to the opposite in meaning of the given words (antonyms)

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(i) HOSTILE

(A) Friendly

(B) Unwise

(C) Adverse

(D) Hospitable

(ii) CEASE

(A) Stop

(B) Break off

(C) Begin

(D) Honour

(iii) HARMONIOUS

(A) Cooperative

(B) Better

(C) Discordant

(D) Difficult

(iv) PESSIMIST

(A) Chemist

(B) Optimist

(C) Columnist

(D) Communist

(v) BOON

(A) Curse

(B) Bane

(C) Pain

(D) Un boon

- (c) Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words, for each blank that best fits the meaning of the sentence as a whole.

(i) The organisation _____ to popularize Indian classical music among the youth which has lost _____ with its cultural roots

- (A) endeavours, touch
- (B) wishes, interest
- (C) efforts, experience
- (D) efforts, intrigue

(ii) One of the major critiques of the examination system is that it _____ to a spirit of _____ competition among the students.

- (A) results, defective
- (B) develops, intense
- (C) takes, severe
- (D) leads, unhealthy

(iii) Auroras are natural lights displayed in the sky, usually _____ at night, _____ in the polar regions.

- (A) watch, upward
- (B) noticed, peculiar
- (C) observed, only
- (D) found, most

- (iv) After the board examination, students are _____ up for the various entrance examinations _____ for next month.
- (A) ready, timed
(B) gearing, scheduled
(C) prepared, programmed
(D) set, duration.
- (v) The governmental _____ spurred dramatic improvements in the way waste management is _____ out in many hospitals.
- (A) rule, thrown
(B) plans, conduct
(C) crusade, done
(D) efforts, carried.
- (d) In the following passage, there are blanks, 5
each of which has been numbered. These numbers are printed below the passage and against each, four words/ phrases are suggested, one of which best fits the blank appropriately. Find out the appropriate word/ phrase in each case. "Today it is ____ (i) ____ recognised that the 21st century will be driven by knowledge. To ____ (ii) ____ the challenges of this century, India needs to usher in a knowledge revolution

that ____ (iii) ____ to bring about systematic changes in education.

While our economy has made significant strides, the education system has not kept ____ (iv) ____ with the aspirations of the youth. The vast disparity in the country today is a result of skewed ____ (v) ____ to knowledge. To address this, we need a substantial expansion in educational opportunities, with a special emphasis on inclusion of the under privileged.

- (i) (A) thickly (B) widely
(C) ample (D) pertly
- (ii) (A) gather (B) cover
(C) contact (D) meet
- (iii) (A) sought (B) wanted
(C) seeks (D) attempt
- (iv) (A) adequate (B) sufficient
(C) influence (D) pace
- (v) (A) access (B) approaching
(C) rights (D) infiltration

- 2. Write a manual for the new equipment recently procured in your laboratory. The manual should be user friendly. 10
- 3. As a safety officer, write a report to the director, about the accident that took place in the run-way of airport. Suggest some safety measures. 10

4. Explain in brief, why audience analysis is important before writing a technical document. 10
5. Explain the following terms : 5x2=10
- (a) Wordy phrases
 - (b) Cliche's
 - (c) Pompous words
 - (d) Nominalisation, and
 - (e) Homonyms.
6. What is the difference between a written presentation and oral presentation ? Illustrate with the help of example. 10
7. Explain in brief about communication barriers. 10
8. Describe in brief the main aspects of a technical report on, "Aircraft Safety". 10
9. Write short notes on the following : (*any two*) 2x5=10
- (a) Title of a technical article
 - (b) Abstract of a technical article
 - (c) Bibliography of a technical article.
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