- (x) Candidates shall put a cross (x) on blank pages of Answer Script.
- (xi) No blank page be left in between answer to various questions.
- (xii) No programmable Calculator is allowed.
- (xiii) No stencil (with different markings) is allowed.

## Gkr-I

- 1. gi kph GkPk dh T sgsh ed i j Jh < fJ; ; pXh ftfGB ws <math>gi PN eo' ns/; gPN eo' fe fej Vk ws tXb/ gipkDe j? < 50
- eh rþwlyh fbgh fJe ftfrnkBe fbgh j? < rþwlyh fbgh dhnk ftPPsktk ns/ soehpk d/ nkXko s/ uouk eo'.
- TigGkPk sil eh Gkt j? < gi kph dhnK TigGkPktK gmij koh, wlpskBh ns/ wkMh dhnK ftbyDsktK ; piXh fw; kbK ; fj s ftuko eo'. 50

## Gkr-II

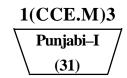
- gikph d/ebk; eh; kfjs dh fgmG(wh til BkE^i'rh; kfjs dh eh wjsk j? <</li>
- 5. gi kph dh girshtkdh ekft Xkok d/ftbyD wjj Kdo/pko/s; hA eh i kDd/j' < fJ; ekft Xkok dh ftbyDsk fw; kbK ; fj s ; gPN eo'.

50

- 6. gi kph BkNe dh fJfsj k; ^o/yk ftu nkJhH ; hH Bøk ns/pbts rkorh dh dD ; piXh oPBh gkU. 50
- 7. gi kph GkPk Ts/gJ/Tod(\(\)|ko; h d/giGkt dk fw; kbK; fjs ftPbPD gP eo'.
- 8. ; f; x; lyll ns/glt fePB f; x d/; kfj s fusB d/f; XKse nkXkoK f; gPN eod/j'J/d'tK fuseK dhnK wXekbhB gi kph; kfj s; pXh XkoBktK dk s|pBkswe ftPbPD gP eo'. 50
- 9. fgt sik f; x ns/rpp\P f; x gtsbVh d/bt/k d/ftfPnk, Pbh ns/ihtB fdtPNh dh stbBk gq sts eo'. 50

Roll No. ....

Total No. of Pages: 2



Time: Three Hours] [Maximum Marks: 300

## **INSTRUCTIONS**

- (i) Answers must be written in Gurmukhi.
- (ii) The number of marks carried by each question is indicated at the end of the question.
- (iii) The answer to each question or part thereof should begin on a fresh page.
- (iv) Your answer should be precise and coherent.
- (v) The part/parts of the same question must be answered together and should not be interposed between answers to other questions.
- (vi) Candidates should attempt **six** questions, **two** from Part–I and **four** from Part–II.
- (vii) If you encounter any typographical error, please read it as it appears in the text-book.
- (viii) Candidates are in their own interest advised to go through the General Instructions on the back side of the title page of the Answer Script for strict adherence.
- (ix) No continuation sheets shall be provided to any candidate under any circumstances.

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Contd.