PSCSCC MAIN EXAMINATION, 2013
GENERAL STUDIES (PAPER-III)

Time Allowed: Three Hours   Maximum Marks: 250

INSTRUCTIONS

Please read the following instructions carefully before attempting questions:

a) There are **TWENTY (20)** questions.

b) **All questions are compulsory.**

c) There are **FIFTEEN (15) questions** of 12 marks each. Word limit for each question is 200 words (maximum).

d) There are **FIVE (5) questions** with two sub-parts, each sub-part of 7 marks i.e. each question is of 14 marks. Word limit for each sub-part is 100 words (maximum).

e) Word limit in questions should be adhered to.

f) Answers must be written in the medium authorized in the Admission Certificate which must be stated clearly on the cover of the answer book. No marks will be given for answers written in medium other than the authorized one.

g) Any page or portion of the page left blank in the answer book must be clearly struck off.

Important: Whenever a Question is being attempted, all its parts/sub-parts must be attempted contiguously. This means that before moving on to the next Question to be attempted, candidates must finish attempting all parts/sub-parts of the previous Question attempted. This is to be strictly followed.

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Q.1   Growth and equality are often argued to be in conflict. Can you think of cases where the opposite is true, namely transfers to the poor can promote economic growth? Discuss these with appropriate examples.

Q.2   The public distribution system makes *in-kind* transfers of grains to households. What are some reasons for these types of transfers rather than cash transfers to the same households?

Q.3   Is economic liberalization policy a panacea for all kinds of problems which persist in the Indian economy? Discuss.

Q.4   Describe the status of irrigation in the Indian agriculture mentioning its regional variations.

Q.5   Why must future expansions in agricultural output focus on yields rather than cultivable area expansions and what types of state policies have been successfully used for higher yields? How can better communication strategies with farmers help in this regard?

Q.6   International Banks or financial agencies have been found involved in laundering of black money raised through illegal activities such as drug/narcotics trafficking, forged invoicing, extortion and kidnapping for ransom to name a few of the ways through which terrorist generate cash to finance their deadly deeds. Would a blanket ban on such agencies solve the problem? Critically examine.

Q.7   Discuss the role of electronic media and social networking sites in the context of internal security by highlighting both positive and negative aspects?

Q.8   Throw light on the role played by external, state and non-state actors in threatening national security?

Q.9   Internal security problems could be placed in two categories: (a) border state problems and (b) core state problems. Identify essential differences between the two and suggest remedial measures?

Q.10 "There is not an iota of doubt that a definite linkage do prevail between development and spread of extremism". Elucidate.

Q.11 The average kilometer per liter of a particular Sedan are 20, 22, 23, 22, 23, 22, 22, 21, 19, 22, 22, 26, 23, 24, 19, 21, 22, 16

i. Calculate mean, median and mode.

ii. Compute variance, standard deviation and range.

Q.12 For few products, the corresponding calories and fat contents are given in the following table. Calculate the correlation. Comment on your findings.
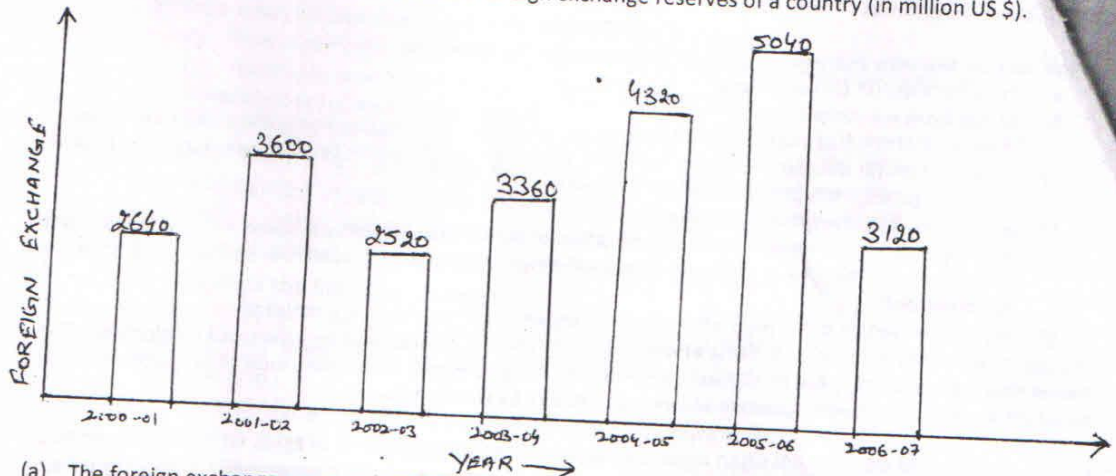
Product	Calories	Fat
Dunkin' Donuts Iced Mocha Swirl latte (whole milk)	240	8.0
Starbucks Coffee Frappuccino blended coffee	260	3.5
Dunkin' Donuts Coffee Coolatta (cream)	350	22.0
Starbucks Iced Coffee Mocha Expresso (whole milk and whipped cream)	350	20.0
Starbucks Mocha Frappuccino blended coffee (whipped cream)	420	16.0
Starbucks Chocolate Brownie Frappuccino blended coffee (whipped cream)	510	22.0
Starbucks Chocolate Frappuccino Blended Creme (whipped cream)	530	19.0

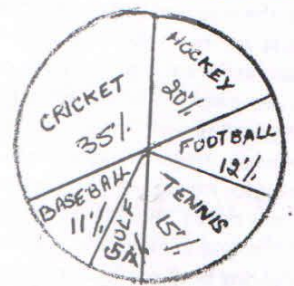Q.13 Given below is the data of an electoral constituency in Bihar:

Religion	Voters in ' 000
Christians	20
Hindus	100
Sikhs	50
Muslims	30

(a) Draw a Pie-Chart based on the data

(b) If votes are in proportion to the religious population what % of votes have Muslims polled?

(c) If all other communities come together can are they likely to defeat a Hindu candidate?

Q.14 The bar diagram given below shows the foreign exchange reserves of a country (in million US $).

(a) The foreign exchange reserves in 2005-06 is how much many times that of 2001-02?
(b) What is the percentage increase of foreign exchange reserves in 2003-04 over 2002-03?
(c) Determine the percentage increase of foreign exchange reserves in each year (if any) in the entire data. In which year the percentage increase is observed the highest?

Q.15 The following pie chart shows the percentage expenditure incurred in promoting different games at state level.

a) How much percentage more is spent on hockey than on golf?
b) How much percentage less is spent on football than on cricket?
c) If the total money spent on tennis is Rs.135000 then how much money is spent on cricket?

Q.16 (a) Explain the relationship between education and human resource development.
(b) Agricultural wages, capital intensity of agriculture and unemployment are all high in Punjab. How are these related?

Q.17 (a) Write a critical note on demographic dividend.
(b) Discuss the main features of industrial policy announced by the Punjab Government in 2009.

Q.18 (a) 'As Iraq Burns, World Feels the Heat'- Examine the implications of this media headline for security in India and its immediate neighborhood.
(b) After 26/11, the entire gamut of coastal security and its management needs re-thinking. Comment.

Q.19 (a) Comprehensive cyber security policy is need of the hour. Elucidate
(b) Name the biggest paramilitary force in the country, its mandate and discuss its special features.

Q.20 (a) Two colleges A & B are competitors. Given below are the figures for admission to different Streams:

Stream	College A	College B
Commerce	50	55
Arts	35	25
Science	70	80
Computer Science	45	40

Draw an appropriate diagram to represent the subject-wise comparison between two colleges.

(b) During 2012 oil consumption by different sources was recorded.

Source of Consumption	'000 Barrels per week
Electric Utilities	10
Highway Transport	55
Personal Transport	20
Industry	15

What is the percentage consumption by each source?

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