## DO NOT OPEN THIS TEST BOOKLET TILL YOU ARE ASKED TO DO SO.

#### TR/CTSTPS/PRE/19

# TEST BOOKLET GENERAL STUDIES

Test Booklet Series



(Signature of the Candidate)

(Invigilator's Signature)

Time Allowed: Two and half (21/2) hours

Maximum Marks: 200

#### INSTRUCTIONS

- 1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
- 2. ENCODE CLEARLY THE TEST BOOKLET SERIES A, B, C OR D AS THE CASE MAY BE IN THE APPROPRIATE PLACE IN THE ANSWER SHEET BY BLACK BALL POINT PEN ONLY.
- 3. This Test Booklet contains 200 items (questions). Each question, carrying one (1) mark only, has four responses (answers). You will select the response which you want to mark in the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the most appropriate. In any case, choose ONLY ONE response for each item.
- 4. You have to mark all your responses by <u>Black Ball Point Pen only</u> on the separate Answer Sheet provided. See directions in the Answer Sheet.
  - All items carry equal marks.
- 6. Before you proceed to mark in the Answer Sheet the responses to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instruction sent to you with your Admission Certificate.
- 7. After you have completed filling in responses in the Answer Sheet and the examination is completed, you should handover the Answer Sheet to the Invigilator only. You are permitted to take the Test Booklet with you.
- 8. Sheets for rough work are appended in the Test Booklet at the end.
- 9. Penalty for wrong answers:
  - (a) There will be four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-fourth** of the marks assigned to that question will be deducted as penalty.
  - (b) If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will be same penalty as above to that question.
  - (c) If a question is left blank, i.e. no answer is given by the candidate, there will be no penalty for that question.

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Four options are given against each of the following questions. Select the best/correct option from among the four options and encode in the Answer Sheet by using Black Ball Point Pen only as per example given below:

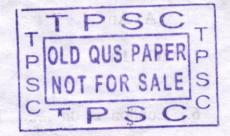
ship inch

Example P: The train leaves ..... 3 p.m.

(A) in

(C) during

(D) from



Example Q: Breakfast is at 8 o'clock.

(A) A

(B) An

(C) The

No article is needed.

## PART - A

## Direction for Question Nos. 1 to 8.

Select the appropriate option to fill in the blanks.

- I have no desire ...... fame.
  - (A) of

for

(C) in

- (D) to
- 2. I will come ...... Friday.
  - on surement the attended to the transfer of th

- (C) during
- shere to about (D) in booth and add
- He succeeded by dint ...... his hard labour. 3.
  - (A) by

(B) for

(D) at

4.	There is an exception eve	ry rule.
fioi	(A) for	(B) in
้ากอร์	(C) up a sould enter yet some	to be one course of the second
5.	Gold is a precious metal.	and the few sections of the design
	(A) An	(B) A
	(C) The 0 0 10 c	No article is needed (1)
6.	London is on Thames.	ample Q. Breaklan a art of thek
	(A) an	(B) a
	the habitan is and	(D) No article is needed
7.	Switzerland is European of (A) an  (C) the  He is honourable man.  (C) the	100
	Direction f	For Question Nos. 9 to 12.
		o of words almost similar in meaning to ed word or group of words.
9.	She liked the dress but the pri	ce is exorbitant.
	(A) Threatining	(B) Ridiculous
	(C) Odd	Excessive
TR/	CTSTPS/PRE/19/C-2750	(4)

10. Through sheer luck he escape	ed the lethal attack. TPSCT
(A) Unlawful	(B) Sluggish POLD QUS PAPER P
Deadly	(D) Smooth Smooth Smooth CTPSC
11. To protect the common man	is obligatory duty for a policeman.
(A) Useful	Required Required
(C) Optional	(D) Agreeable
12. After all these weeks of tension	ion and terror, now he felt secure.
Safe	(B) Secret
(C) Submissive	(D) Surprised
Dimedian	for Orestian Nes 13 to 16
	for Question Nos. 13 to 16.
	group of words that is almost opposite in the underlined word or words.
	antonyms
13. Demand for <u>autonomy</u> is an	important issue in modern politics.
Dependence	(B) Surrender
(C) Submissiveness	(D) Slavery
14. The flood water did not rece	de for weeks.
(A) Rush	(B) Advance
(Approach	(D) Withdraw
15. The road has become precario	ous after the landslide.
(A) Narrow	(B) Dangerous Ham told 1 (Solett (A)
Safe has have some	(D) Wide
TR/CTSTPS/PRE/19/C-2750	(5) [Turn over

10. A ichichi	officer offen gets more v	VOIR COILC.
(A) Obst	inate 0	(B) Annoyed
( Angr	y 018	(D) Severe
	Direction for	Question Nos. 17 to 20.
Indicate the	word or group of words	nearest in meaning to the underlined expression
17. Young B	Bill is as courageous as h	nis father — a regular chip of the old block
Exhi	ibiting the characteristics	of one's parents or ancestors.
(B) Obst	tinate behaviour.	
(C) Beha	aving mechanically as a	piece of wood.
(D) Show	wing a friendly attitude.	
	a) of the act	Diversión del procuentos de Carrellon
18. His state	ement should be taken w	
(A) Not	to believe at all	To take with some reservation
(C) To ta	ake seriously	(D) To support
19. He is nev	ver happy with his job,	feels himself a square peg in a round hole.
( Face	ed with an impossible tas	sk.
(B) Tryin	ng to achieve an impract	tical goal.
(C) A pe	erson unsuitable to the p	osition he/she holds.
(D) Force	cing entry to a position.	iv (a) Approach
20. The fire i	in the office was not just	an accident. I smell a rat.
(A) Dete	ect a bad smell	(B) To misunderstand something
(C) To i	gnore	To suspect some foul play.
TR/CTSTPS/PI	RE/19/C-2750	(6)

## Direction for Question Nos. 21 to 23.

In this section some part/parts of each statement have been jumbled up. These parts have been labelled as P, Q, R, S. Four alternative arrangements of the parts have been given. The right arrangement to produce the correct sentence has to be identified.

Example R: The	e doctor his	continued	practice.
Tons of a	PQ	R	S to be placed
(A) QSRP	B PRQS	(C) RQSP	(D) PQSR
21. Rammohan Ray	was associated with	Raja	several newspapers.
P	Q	R	S
(A) PQRS	RPQS	(C) SQRP	(D) PRQS
			RPQS
22. Suddenly he heard	a roar,	he could not rise	A)
P <u>He</u> slipped and fell,	The PC ASSESSMENT	Q next moment, he	was on his feet.
mulicoup o RII vil	RAPS	a sill Ann S	Mead the president
RQPS	(B) RPQS	(C) PRQS	(D) QRPS
23. but it is not effective			
ar its office or gradien of	P to the Day of the state		an Q to an It as via colvi-
There are examinati	ons at school	by crammir	ng the texts.
de 1790 not tilbar seueb Sugak att strike skeven D	R RQSF	on pal colder Source	In Salat and tabase of
(A) PQRS			(D) PQSR

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TPSCTPOLD QUS PAPER PS NOT FOR SALE S

[Turn over

## Direction for Question Nos. 24 to 27.

In this section each sentence is underlined and labelled in three separate sections. Identify the section in which the error is located. If you feel that there is no error, section D will signify a 'No error' response.

Example S: Ten p	oounds	is a	lot of money.	No error
ngungan	(A)	(B)	(C) (D) (C)	• wte!
24. Bread and butter	is a		wholesome food.	No error.
(A)			(C)	LOD
25. <u>He sent</u>	for the d	octor	because I am ill.	No error.
(A)	(B)		(C)	
26. Time and tide	wait for		none.	No error.
(A)	(B)		(C) (1)	
27. No less than	forty pers	sons	came.	No error.
(A)	(B)		(C)	

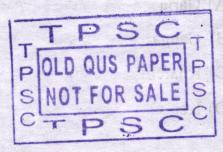
## Direction for Question Nos. 28, 29 and 30.

Read the passage carefully. The passage is followed by three questions based on it. Alternative answers have been given for each question. Select the most suitable answer from the alternatives.

### **PASSAGE**

There is nothing which we receive with so much reluctance as advice. We look upon the man who gives it as offering an affront to our understanding and intelligence, treating us as children or idiots. We consider the instruction as an implicit censure. There is nothing so difficult as the art of making advice agreeable. All the writers both ancient and modern, have distinguished themselves according to their perfection in their art. Great writers made use of different devices to render the bitter potion palatable. (Some made use of best chosen words, others, through flash of wit, and still others by using precise expressions like proverbs.) The best means, however, is the use of fable. A fable pleases most universally. (A fable is not directly related to our everyday world nor does it contain any direct attack.

- 28. Why do people dislike advice?
  - People think they are underrated in their intelligence and understanding.
  - (B) Advice are considered old-fashioned and unnecessary.
  - (C) People do not understand advice.
  - (D) People think they already know all about it.
- 29. In what ways have authors tried to make advice palatable?
  - (A) By quoting from religious and other important texts
  - (B) With help from the rulers.
  - (C) By presenting advice through finest poetry.
  - Through use of chosen words, show of wit and by using short and precise expressions as used in proverbs and fables.
- 30. Why is a fable so popular?
  - (A) Because they come from great ancient writers.
  - (B) Because it is a complete story.
  - Because they present an imaginary world and the criticism contained in them is never direct.
  - (D) Fables are familiar all over the world, having the same subject.



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- 31. The revolt of the Indian naval ratings started on
  - (A) 5th February, 1946
  - (B) 13th February, 1946
  - 18th February, 1946
  - (D) 25th February, 1946
- 32. Where in Tripura are found plaques with depiction of stupa and relics of Buddhist creed?
  - (A) Kamalasagar
  - ( Pilak
  - (C) Kasba
  - (D) Melaghar
- 33. During the reign of which Manikya king was "Neer Mahal" constructed?
  - (A) Maharaja Radha Kishore Manikya
  - (B) Maharaja Birendra Kishore Manikya
  - Maharaja Bir Bikram Kishore Manikya
  - (D) Maharaja Bir Chandra Manikya
- 34. This puja is performed within a specially marked boundary to ward off all dangers. Name it.
  - (A) Garia
  - (B) Ganga
  - (C) Kharchi
  - (D) Ker

- 35. Where is the rock-cut gigantic image of Ganesh found in Tripura?
  - (A) Pilak
  - (B) Boxanagar
  - ( Unakoti
  - (D) None of the above
- 36. Which of the following is worshipped as God of cotton crop by the tribes of Tripura?
  - (A) Kha-luhra



- (B) Maj-luhra
- ( Bure-cha
- (D) Lampra

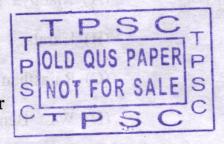


- 37. What are 'Hiknanani' and 'Kaizagnani' in the tribal society?
  - Marriage customs
    - (B) Gods and Goddesses
  - (C) Types of houses
  - (D) Types of dresses
- 38. The Sardar (Chief) of which tribe was known as "Royaja"?
  - (A) Chakma
  - Reang
  - (C) Jamatia
  - (D) Noatia



15

- 39. When was the Agartala Municipality established?
  - (A) 1869
  - (P) 1871
  - (C) 1875
  - (D) 1879
- 40. Union Budget is generally presented in which of the following month?
  - (A) January
  - ( February
    - (C) July
    - (D) December
- 41. The President of India addresses his resignation letter to the
  - (A) Speaker
  - (B) Vice-President
    - (C) Chief Justice of India
    - Prime Minister
- 42. Which of the following sector gives the largest income in India?
  - (A) Trade sector
  - (B) Railway
  - Agriculture
  - (D) Service sector



- 43. Which of the following was established in 1990 as a wholly owned subsidiary under the Small Industries Development Bank of India Act, 1989?
  - (A) RBI



- (C) ICICI
- (D) NABARD
- 44. When two or more persons working jointly on the basis of a common plan of action, then it is called

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- (A) Co-operation
- Collaboration
  - (C) Co-ordination
  - (D) Consulting
- 45. Who among the following introduced the Hindu Code Bill?
  - Dr. Rajendra Prasad
  - (B) Pandit Jawaharlal Nehru
  - (C) Dr. Bhimrao Ambedkar
  - (D) Sardar Vallabhbhai Patel

- 46. Who constitutes the Finance Commission of India?
  - (A) President
  - (B) Finance Minister
  - (C) Parliament
  - Reserve Bank Governor
- 47. For which of the following "Single transferable voting system" adopted in India?
  - (A) Rajya Sabha
  - (B) President
  - (C) State Legislative Council
  - All of the above
- 48. Which of the following article of the Indian Constitution deals with the constitution of the Parliament of India?
  - (A) Article 73
  - (B) Article 78

(C) Article 79

(X) Article 72

- 49. What is the meaning of "Secular"?
  - All religions are equal in the eyes of the Government
    - (B) Special importance to a religion related to Government
    - (C) One religion is promoted by the Government
    - (D) None of the above
- 50. Who was the first Finance Minister of Independent India?

40. Union Hidger of generally presented in

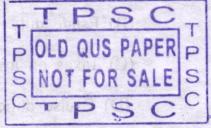
- (A) R K Shanmukhan Chetty
- (B) John Mathai
- C. D. Deshmukh
- (D) Liaquat Ali Khan
- 51. 'Panchayati Raj' is included in the
  - (A) Union list
  - Concurrent list
  - (E) State list
  - (D) Residuary power
- 52. The Panchayati Raj was first introduced in
  - (A) Madhya Pradesh
  - (B) Kerala
  - Rajasthan .
  - (D) West Bengal

- 53. The Sixth Schedule of the Indian Constitution deals with the administration and control of Scheduled Area and Scheduled Tribes in the four States.
  - (A) Manipur, Mizoram, Tripura, and Nagaland
  - Assam, Meghalaya, Tripura and Mizoram G0091e.
  - (C) Assam, Meghalaya, Arunachal Pradesh and Nagaland
  - (D) Meghalaya, Mizoram, Manipur and Nagaland
- 54. Who among the following is head of the National Council for Senior Citizens?
  - (A) Prime Minister of India
  - (B) Chairman of National Development Council •
  - (C) Vice-Chairman of NITI Aayog
  - (D) Minister of Social Justice and Empowerment
- 55. Right to Information Act was passed on
  - (26th January, 2005)
  - (B) 15th June, 2005
  - (C) 15th August, 2005
  - (D) 2nd October, 2005

- 56. The idea of "Welfare State" in the Indian Constitution is enshrined in its
  - (A) Preamble
  - Directive Principles of State Policy
    - (C) Fundamental Rights
    - (D) Seventh Schedule
- 57. Inclusive growth as enunciated in the Eleventh Five Year Plan does not include one of the following
  - (A) Reduction of poverty
  - (B) Extension of employment opportunities
  - (C) Strengthening of capital market
  - Reduction in gender inequality
- 58. Which of the following is an extraconstitutional and non-statutory body?
  - (A) Finance Commission
  - (B) Election Commission
  - ( Niti Aayog
  - (D) Union Public Service Commission
- 59. Which of the following organizations looks after the credit needs of agriculture and rural development in India?
  - (A) FCI
  - (B) IDBI



(D) ICAR



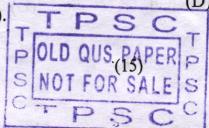
- 60. Which of the following estimates the National Income in India ?
  - Central Statistical Organization
    - (B) National Income Committee
    - (C) Niti Aayog
    - (D) Reserve Bank of India
- 61. Which industry employs the largest number of women in India?

  - (C) Jute
  - (D) Coal
- 62. Which of the following does not come under the GST in India?
  - Agricultural products
  - (B) Handicrafts
  - (C) Gems and jewelleries
  - (D) Petroleum products
- 63. The system of VAT is applicable to
  - (A) Income tax
  - (B) Estate duty
  - (C) Taxes on agricultural income
  - ) Excise duties

- 64. The Gandhian economy is based on the principle of
  - (A) Competition Guess.
  - (B) Trusteeship
    - (C) State Control
  - None of the above
- 65. PINAKA often seen in news, is a/an
  - (A) Anti-submarine torpedo and research vehicle
  - (B) Aircraft carrier
  - (MBRL) Multibarrel Rocket Launch (MBRL) system
  - (D) Guided missile frigate submarine warship
- 66. Which of the following region is known as the "Third Pole of the Earth"?
  - ( ) Himalaya-Hindukush mountain range and Tibel Plateau
    - (B) Central Siberian Plateau
    - (C) Greenland
  - (D) Antarctica
- 67. The Global Peace Index is released by which of the following entities?
  - (A) International Peace Institute
  - UN Security Council
  - (C) Institute for Economics and Peace
    - (D) Group of Global Counter-Terrorism NGOs

- 68. Future Policy Gold Award recently won by State of Sikkim in India, is instituted for
  - promoting eco-tourism
  - (B) path-breaking policies on cyber security
  - (C) world's best laws and policies promoting agroecology
  - (D) most innovative technologies in artificial intelligence.
- 69. Among the following personalities, who is the winner of the 2019 Pulitzer Prize in fiction category?
  - (A) Rebecca Makkai
  - (B) Richard Powers
  - (C) Clare Barron
  - (D) Tommy Orange
- 70. 'Project Navlekha' sometimes seen in the news, is an:
  - (i) initiative to help Indian publishers to easily make their offline content fully editable and publish it online without expert digital knowledge.
  - (ii) initiative of Ministry of Communications
  - (A) (i) only
  - (B) (ii) only
  - Both (i) and (ii)
  - (D) Neither (i) nor (ii).

- 71. Taj Mahal declaration, recently seen in the news, is related to which of the following?
  - (A) To preserve the heritage and culture of Taj Mahal.
  - (B) A road-map to increase tourist arrival in Taj Mahal by 50 per cent by 2030.
  - To fight plastic pollution near Taj Mahal.
  - (D) To improve safety and security around Taj Mahal.
- 72. Zigzag technology, sometimes seen in the news, is related to
  - (A) Road Transport Management
  - Reducing air pollution from brick kiln industry
    - (C) Electronic transfer of bitcoins
    - (D) Ground water conservation technology
- 73. Neelakurinji, recently in news, refers to a flower that blooms every 12 years. Its natural habitat is
  - (A) Manas National Park
  - Eravikulam National Park
  - (C) Valmiki National Park
  - (D) Bandhavgarh National Park



- 74. Which of the following telecom companies has launched the women's safety app "My Circle"?
  - (A) Reliance
    - (B) Bharti Airtel
    - (C) BSNL
    - ( Vodafone
- 75. Which of the following country is not a part of 'G4' nations?
  - (A) India
  - (B) Japan
  - (C) Brazil
  - South Africa
- 76. "Vande Bharat Express" or Train 18, is sometimes mentioned in the news, is a/an
  - Dedicated train for the national circuit under the Swadesh Darshan Scheme.
  - (B) Dedicated train to operate between rural areas to raise awareness against open defecation.
  - (C) Indegenously developed locomotive less train developed under 'Make in India'.
  - (D) Dedicated freight train to operate between Mumbai and Ahmedabad.

- 77. Humo luzonensis, which is in news recently, is a
  - Species '
    - (B) Dance
    - (C) Food
    - (D) Heritage site
- 78. India plans to procure 'the advanced air defence system 'NASAMS II' from which of the following country?
  - United States
  - (B) Russia
  - (C) Israel
  - (D) Japan
- 79. Consider the following statements regarding 'Secure Himalaya'.
  - (i) It is aimed at conservation and restoration of high range Himalayan ecosystem.
  - (ii) It has been launched by Government of India in association with International Union for Conservation of Nature.
    - (A) (i) only
    - (ii) only
    - (C) Both (i) and (ii)
    - (D) Neither (i) nor (ii)

PROTEINS PROPERTY

- 80. Recently, Red Fort Declaration is seen in the news is:
  - (A) to increase the economic cooperation among the BRICS Nations.
  - (B) to encourage Blue Economy in the Indian Ocean Region by Indian Ocean Rim Association
  - (C) to enhance India's economic cooperation with Association of South-east Asian Nations (ASEAN)
  - to enhance the strategic partnership between India and South Africa.
- 81. Which of the following countries has launched the Cripto-pegged Forex Rate recently?
  - (A) Iceland
  - (B) China
  - (C) Japan
  - (Venezuela
- 82. Which of the following countries are landlocked?
  - (i) Paraguay
  - (ii) Bolivia
  - (iii) Peru
  - (iv) Venezuela
  - (A) (i), (iii) and (iv) only

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- (B) (i) and (ii) only
  - (C) (ii) and (iii) only
  - (D) (ii) and (iv) only

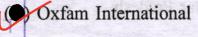
- 83. The ICESat-2 (Ice, Cloud and Land Elevation Sattellite-2) has been launched by which of the following space agencies?
  - (A) Canadian Space Agency (CSA)
  - (B) Indian Space Research Organisation (ISRO)
  - (C) National Aeronautics and Space Administration (NASA).
  - European Space Agency (ESA).
- 84. Consider the following:
  - (i) Sanitary napkins
  - (ii) Aviation turbine fuel
  - (iii) All types of salt
  - (iv) Railway transportation

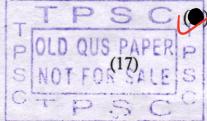
Which of the above items / commodities are exempted from GST ?

- (i), (ii) and (iii) only
  - (B) (ii), (iii) and (iv) only
- (C) (i), (ii) and (iv) only
- (D) (i), (iii) and (iv) only
- 85. Commitment to reducing inequality (CRI) Index is released by which of the following?
  - (A) International Food Policy Research Institute

sanati kedi (El)

- (B) UNDP
- (C) World Bank





- 86. Which of the following Committies are related to Banking reforms?
  - (i) Narsimham Committee
  - (ii) P J Nayak Committee
- (iii) Sunil Mehta Committee
  - (iv) Nachiket Mor Committee

    Select the correct answer using the code given below:
  - (A) (i), (ii) and (iii) only
  - (B) (ii), (iii) and (iv) only
  - (C) (i) and (iv) only
  - (D) (i), (ii), (iii) and (iv)
- 87. "Notun Disha" is associated with which Government Department of Tripura?
  - (A) Revenue Department
  - (B) Rural Development Department
  - Education Department
    - (D) Health and Family Welfare Department
- 88. According to National Family Health Survey, 2015-16, Tripura ranks second in child marriages. Which State tops in child marriages?
  - (A) Jharkhand
  - (B) West Bengal
    - ( Rajasthan
  - (D) Uttar Pradesh

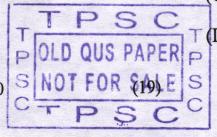
- 89. Volodymyr Zelenesky, the newly elected President of Ukraine is a/an
  - (A) Artist
  - (B) Teacher
  - (C) Lawyer
  - ( ) Comedian
- 90. The Inclusive Wealth Report is released by which of the following organizations?
  - (A) United Nations Environment
  - (B) World Economic Forum and INSEAD
  - World Bank
  - (D) NITI Ayog
- 91. 'Rhi-Tiddim' road project, often seen in the news, is being implemented by India in which of the following countries?
  - (A) Thailand
  - (B) Malaysia
  - (C) Bangladesh
  - ( Myanmar

- 92. Volcano 'Mount Agung' which erupted recently is located in which of the following places?
  - (A) Honshu Island, Japan
  - (B) Bali, Indonesia
    - (C) The Democratic Republic of Congo
    - (D) Caldera, Italy.
- 93. Which of the following is/are not associated with the reduction of Greenhouse gases?
  - (i) Kigali Amendment to Montreal Protocol
  - (ii) Stockholm convention
  - (iii) Kyoto Protocol

Select the correct answer using the code given below:

- () (ii) only
- (B) (i) and (ii) only
- (C) (i) and (iii) only
- (D) (i), (ii) and (iii)

- 94. The Right of Children to Free and Compulsory Education Bill, 2017 passed recently in Lok Sabha aims to
  - extend the right to free education to senior secondary level
  - (B) abolish the no-detention policy in classes fifth to eight
  - (C) make mid-day meal an enforce-
  - (D) make biometric attendance of school teachers mandatory
- 95. Which of the following statements is not true?
  - (A) Solar cooker does not cause pollution
  - The output power of solar cell is high
  - (C) Ocean thermal energy is different from tidal energy
  - (D) In nuclear power plants there is a risk of accidental leakage of nuclear radiation
- 96. Atom bomb is based on
  - (A) Chemical reaction
  - ( Nuclear fission
    - (C) Nuclear fusion
  - T(D) Atomic collision



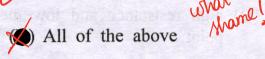
- 97. Insecticides usually act upon
  - (A) Muscular system
  - (B) Digestive system
  - ( Nervous system
  - (D) Circulatory system
- 98. Metals can be beaten into sheets, because
  - (A) they are ductile
  - (B) they are soft
  - ( they are malleable
  - (D) the metal particles are loosely arranged.
- 99. Green muffler is used against which type of pollution ?
  - (A) Air
  - (B) Noise
  - (C) Soil
  - (D) Water
- 100. At present what percentage of ethanol is being mixed with petrol in India?
  - (A) 2%
  - (B) 5%
  - (C) 10%
  - (D) 15%

- 101. Which of the following diseases is caused by H<sub>1</sub>N<sub>1</sub> virus?
  - ( Swine flu
  - (B) Dengue
  - (C) AIDS
  - (D) Bird flu
- 102. The process in which living organisms are used to remove contaminants, pollution or other unwanted substances from soil or water is known as
  - (A) Biotechnology
  - ( Bioremediation
  - (C) Biodegradation
  - (D) Biomagnification
- 103. Which of the following statements is not correct?
  - Silver Revolution refers to increased pulse production.
  - (B) White Revolution refers to increased milk production.
  - (C) Green Revolution refers to increased production of food grains.
  - (D) Yellow Revolution refers to increased oil-seed production.

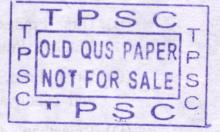
TREETS PROPERTY OF STREET

- 104. In India temperate evergreen type of vegetation is found mostly in
  - (A) Rajasthan and South Punjab
  - (B) Western Ghats and Assam
  - (C) Western Himalayas above 3500m
  - (D) Eastern and Western Himalayas less than 3500m.
- 105. Which of the following is an anaesthetic gas?
  - Nitrogen dioxide
  - (B) Nitrous oxide
    - (C) Nitric oxide
    - (D) Nitrogen
- 106. Indiscriminate use of DDT is undesirable because
  - ( it causes mutation
  - (B) it is degradable
  - (C) it accumulates in the food chain
  - (D) None of the above
- 107. Green Revolution is associated with
  - ( Agriculture
    - (B) Sericulture
    - (C) Fishery
    - (D) Cultivation of bees

- 108. A rocket functions on which of the following laws?
  - (A) Newton's first law
  - (B) Newton's second law
  - (2) Newton's third law



- 109. In a society the growth and development that meets the current human needs and also conserves natural resources for future generations is known as
  - (A) Green economy
  - (B) Holistic development
  - Sustainable development
  - (D) Subsistence agriculture
- 110. The most abundant metal on earth's crust is :
  - ( Aluminium
  - (B) Iron
  - (C) Manganese
  - (D) Sodium



- 111. A fuse wire has:
  - (A) high resistance and high melting point
  - (B) low resistance and high melting point
  - (C) low resistance and low melting point
  - high resistance and low melting point
- 112. Which of the following is the largest ecological unit?
  - (A) Organism
  - (B) Population
  - ( Biome
    - (D) Ecosystem
- 113. Which of the following compounds is used in fire extinguishers?
  - (A) Sodium carbonate
  - Sodium bicarbonate
  - (C) Sodium nitrate
  - (D) Sodium sulphate
- 114. In India principal wheat producing States are:
  - (A) Punjab, Bihar, Nagaland and Arunachal Pradesh
  - (B) Uttar Pradesh, Bihar, Kerala and Madhya Pradesh
  - Uttar Pradesh, Punjab, Haryana and Madhya Pradesh
  - (D) Rajasthan, Gujarat, Maharashtra and Kerala.

- 115. Ocean thermal energy is due to
  - (A) tides in the ocean
  - (B) pressure difference at different levels in the ocean
  - temperature difference at different levels in the ocean
    - (D) energy stored by waves in the ocean
- 116. Ramsar Convention is for the conservation of
  - (A) Mountain
  - (B) Grassland
  - (C) Forest
  - (D) Wetland
- 117. In organic farming
  - (A) intercropping is not used
  - (B) manures are not used
  - (C) biofertilizers are not used
  - chemical fertilizers are not used
- 118. In your opinion which of the following is due to ozone hole?
  - Increased UV radiation
  - (B) Acid rain
  - (C) Global warming
  - (D) Greenhouse effect

- 119. In India which is the most widely used form of renewable energy?
  - (A) Geothermal energy
  - Hydro-electric energy
  - (C) Solar energy

NORTH

(D) Thermal energy

HTRON

120. Health is written as GSKZDG, then NORTH will be written as

(A) PRMFL

HEALTH

(B) SPIUO

GSKZDG N TITTE W W +

- (S) GSQNM
- (D) ISPUO

121. If Mumbai is related to LTLAZH in some way then DELHI is in the same way related to

(A) HILED

MUMBAI LILAZH

CDKGH

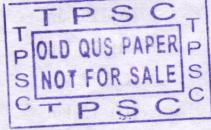
DELHI

(C) BCKGH

(D) CDGKG

- 122. Find the word which can not be formed using the letters of the word
  - (A) MASTER
  - (B) TEAM
  - (C) REST

( ) MANTLE



123. Choose the missing alphabet out of the given alternatives in the given alphabet series R, U, X, A, D.

(A) F RSTUVWX

OG YZ A BC DEFG

- (C) H
- (D) I

124. Five trees A, B, C, D, E are situated close to each other. A is to the west of B, C is to the south of A, E is to the north of B and D is to the east of E. Then C is with respect to D in the direction

- South-west
  - (B) North-west
  - (C) South-south
  - (D) None of the above

Muskan, Amal is elder than Sandhya,
Muskan is elder than Amal but
younger than Kamal, Kamal is elder
than Sandhya, but George is the eldest
member then who is in the middle age
wise?

your (A) Kamal

(B) George

( Muskan

(D) Sandhya

Sandhya

126. How many times are the hands of a clock (hour hands and minute hands) is at right angle in a day?

9:00

130. How many terms are there in the series

201, 208, 215, ..... 369 ?

(A) 22 3:00

(B) 26 (C) 23

(C) 24

(D) None of the above

 $a_1 = 201$   $a_n = 369$  n = 8  $a_n = a_1 + (n-1)d$  369 = 201 + (n-1)72 31. If Botany is related to plants then

Entomology is related to

127. The Republic Day of India was celebrated on Friday in the year 2008. On which day it was celebrated in 2012?

(A) Wednesday

Thursday

- (C) Friday
- (D) None of the above

128. If  $5 \times 4 = 16$ ,  $7 \times 8 = 48$  and  $6 \times 5 = 25$  then  $8 \times 6 = ?$  41

- (A) 32
- (B) 29

- (D) None of the above
- 129. The missing number in the blank position is 2, 3, 8, 27, 112, .....

(A) 340

(452

- (A) germs
  - (B) snakes
  - (C) birds
  - ( insects
- 132. Kausik pointing out to a lady, said, "she is the daughter of the woman who is the mother of the husband of my mother". Who is the lady to Kaushik?
  - (A) Grandmother

(B) Sister

Curandona

- (D) Brother
- 133. One day A left home and cycled 10 km southwards, turned right and cycled 5 km and turned right and cycled 10 km and turned left and cycled 10 km. How many kilometers A will have to cycle to reach his home straight?
  - (A) 20 km

(B) 25 km<sup>10</sup>

(C) 27 km

1 15 km

- 134. Arrange the following in a logical order:
  - (i) Wrist
  - (ii) Palm
  - (iii) Elbow
  - (iv) Shoulder
  - (v) Finger

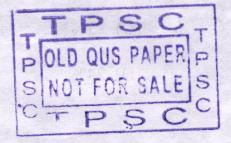
Then the correct sequence is

- (A) (ii), (iv), (v), (iii), (i)
- (B) (iii), (v), (ii), (i), (iv)
- (v), (ii), (i), (iii), (iv)
  - (D) None of the above
- 135. If the letters of the word CENTRIFUCAL are arranged alphabetically from left to right, the letter will be third to the right of the seventh letter from your right is
  - (A) F

ACE FGE WRTU



- (C) I was the same and the same
- (D) U Coll 10 coll 10
- 136. 'Cub' is related to 'LION' in the same way 'Bunny' is related to
  - (A) Horse
  - (B) Goat
  - (C) Wolf
  - ( Rabbit



- 137. Four of the following five are alike in a certain way and form a group. Find which is odd in this group Earth, Mars, Moon, Jupiter, Saturn
  - (A) Mars

( ) Moon

- (C) Saturn
- (D) Jupiter
- 138. If BREAK is coded as 51342 and KITE is coded as 2796, then RIB is written as
  - ( ) 175
  - (B) 135
  - (C) 195
  - (D) 177
- 139. If each of the odd-place digits in the number 76835 is decreased by '1' and each of the even-place digits is increased by '1' then the sum of the digits in the new number is
  - (A) 26

76835

- (B) 29
- -> 66734
- (2) 28
- → 67744
- (D) None of the above

- 140. Rounak had Rs.300. He spent  $\frac{1}{3}$ rd of his money on notebooks and  $\frac{1}{4}$ th of the remainder on stationery items. How much money is left with him?
  - (A) Rs. 250
- 100) notebook
- (B) Rs. 200
- ( Rs. 150 (D) Rs. 100
- 141. 'A' can do  $\frac{3}{4}$ th of a work in 12 days. In how many days can he finish  $\frac{1}{2}$  of the work?
  - ( 8 days
- A can do  $\frac{3}{4}$  of work = 12 days
- (B) 6 days
- A can do (C) 4 days
- (D) 9 days
- 142. Find the square root of  $1\frac{56}{169}$ .

143. In an examination 65% of the total students passed. If the number of failures is 420, the total number of students are

35% of (x)= 420 (2) 1200

- (B) 1400
- (C) 1250
- (D) 1000
- 144. On selling a fan for Rs. 810, Sounak gains 8%. For how much did he purchase it?
- - 145. The selling price of an article is  $\frac{6}{5}$ th of the cost price of the article. Then the gain per cent is
    - (20%
      - (B) 30%
      - (C) 25%
    - (D) 24%

146. The simple inte	erest on a sum for 5
years is $\frac{2}{5}$ of the	he sum. The rate per
cent per annum	is

(A) 10%	$I = \frac{PTR}{100}$
8%	
(C) 12½%	2 p = PX8XR
(D) 6%	[R=87.4

(A) 
$$150^{\circ}$$
(B)  $120^{\circ}$ 
(C)  $108^{\circ}$ 
 $\frac{3-2}{8} \times 180^{\circ} = 60^{\circ}_{3} = 90^{\circ}_{3}$ 
(B)  $135^{\circ}$ 
(B)  $120^{\circ}$ 
 $\frac{3-2}{8} \times 180^{\circ} = 60^{\circ}_{3} = 80^{\circ}_{3}$ 

148. If the area of a rhombus is 96 cm<sup>2</sup> and one of its diagonals is 16cm, find the other diagonal.

the other diagonal.

(A) 14 cm

(B) 18 cm

$$A_1 = \frac{1}{2} A_1 A_2 A_3$$

(D) 20 cm

(E) 12 cm

 $A_2 = \frac{1}{2} A_1 A_2 A_3$ 
 $A_3 = \frac{1}{2} A_1 A_2 A_3$ 

(D) 20 cm

 $A_4 = \frac{1}{2} A_1 A_2 A_2$ 

149. If the circumference of a circle is 
$$88 = 4 \text{m/s}$$
 train is cm, the area of the circle is  $600 + 3 \text{l}$  (A) 32

150. If 
$$x:y = 3:4$$
 then the value of  $(2x+3y): (3y-2x)$  is

(A) 1:3
$$\frac{2}{y} = \frac{3}{4}, \quad y = \frac{4x}{3}$$
(B) 2:3
$$\frac{2x+3y}{3} = \frac{2x+3}{3}$$
(C) 3:2

$$= 3$$

$$= 3$$

$$= 2 \times \frac{4 \times 1}{4 \times 2 \times 1} = \frac{6}{2}$$
1. The average are of 20 number students

151. The average age of 20 number students in a class is 11 years. If the age of teacher is added, the average age is increased by 1 year. What is the age of

the teacher? 
$$\overline{\chi} = 11 \text{ years}$$

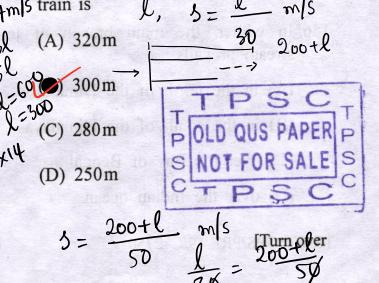
(B) 36 years

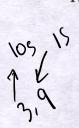
(C) 42 years

 $\overline{\chi} = 11 \text{ years}$ 
 $\overline{\chi} = 11 \text{ years}$ 

(D) None of the above 
$$\frac{220+2}{210} = 12$$
  
 $\chi = 12 \times 21 - 220$ 

152. If a train passes an electrical pole in 30 seconds and passes a platform of length 200 m in 50 seconds, the length of the





153. The sum of the digits of a two-digit number is 12. If the new number formed by reversing the digits is greater than the original number by 54, then the original number is

(A) 93 
$$\chi, y$$
  $10x+y \rightarrow 0N$ 

(B) 75

(A) 93 
$$\chi, \dot{y}$$
  $10\chi + y \rightarrow 0N$ 

(B) 75  $\chi = 3$   $\chi = 12$   $-0$ 

(B) 39  $\chi = 18$   $\chi = 12$   $\chi = 10$ 

(D) 48  $\chi = 12$   $\chi = 10$ 

(D) 48  $\chi = 12$   $\chi = 12$   $\chi = 12$ 

(D) 48  $\chi = 12$   $\chi = 12$   $\chi = 12$ 

154. In what time will Rs. 1,000 amount to Rs. 1,331 at 10% per annum, compounded annually ?

$$A = P(1+\frac{1}{R})$$

$$1331 = 1000 \left( 1 + \frac{1}{100} \right)_{N}$$

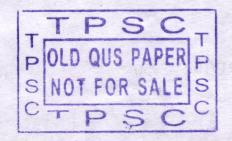
$$1331 = 1000 \left( \frac{110}{100} \right)_{N}$$

- 155. Which State of India has the largest tribal population?
  - (A) Uttar Pradesh
  - Madhya Pradesh
  - (C) Tripura
  - (D) Andhra Pradesh
- 156. In winter, the main branch of jet stream prevails
  - (A) in the north of the Himalayas
  - (B) in the south of the Himalayas
  - (C) over the Bay of Bengal
  - (D) over the Indian ocean

- 157. Which is the normal date of onset of south-west monsoon in India?
  - (A) 14th June
  - (B) 10th June
  - (C) 5th June
  - (D) 1st June
- 158. Which soil is formed under conditions of high temperature and heavy rainfall with alternate wet and dry periods?
  - (A) Red soil
    - (B) Black soil
    - (C) Desert soil
    - ( Laterite soil
- 159. Which erosional agency is responsible for the formation of ravines and badlands?
  - (A) Water
  - (B) Wind
  - (C) Sea waves
  - Glacier
- 160. The areas under Green Revolution technology are facing the problem of
  - (A) gradual loss of soil fertility
  - (B) increasing alkalinity and salinity of soils
  - (C) chemical poisoning of soils
  - ( All of the above

- 161. Blue Revolution is related to the
  - (A) Dairy industry
  - Aquaculture industry
  - (C) Rubber industry
  - (D) Petro-chemical industry
- 162. The nature of Indian agriculture is
  - (A) shifting
  - (B) extensive commercial
  - (C) intensive subsistence
  - ( plantation
- 163. This soil is also called regur
  - (A) Red soil
  - (B) Alluvial soil
  - Black soil
    - (D) Laterite soil
- 164. Which of the following forests have rhododendrones?
  - (A) Montane temperate forests
  - (B) Moist tropical forests
  - (C) Dry tropical forests
  - (D) Montane sub-tropical forests

- 165. Which river of the Indus basin lies entirely within the Indian territory?
  - (A) The Jhelum
  - The Chenab
  - (C) The Ravi
  - (D) The Beas
- 166. Its upper catchment receives rainfall during summer by the south-west monsoon and the lower catchment during winter season by the retreating north-east monsoon
  - (A) The Mahanadi River
  - (B) The Godavari River
  - (C) The Krishna River
  - (D) The Cauvery River
- 167. Which State of India is one of the homes of the major Dravidian languages?
  - Kerala
  - (B) Assam
  - (C) Punjab
  - (D) Uttar Pradesh



- 168. Which State of India has the highest Buddhist population ?
  - (A) Maharashtra
  - (B) Himachal Pradesh
  - ( Sikkim
  - (D) Tripura

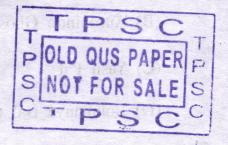


- 169. In this method, a piece of forest land is cleared by felling and burning and crops are grown
  - (A) Mixed farming
  - ( Jhuming
  - (C) Intensive subsistence farming
  - (D) Extensive commercial farming
- 170. The total number of official languages in India is
  - (A) 20
  - 22
  - (C) 24
  - (D) 26
- 171. Sadhu Bet island is located in
  - (A) Goa
  - (B) Tamilnadu
  - (C) Gujarat
  - (D) West Bengal

- 172. Which Union Territory has the highest concentration of Muslim population?
  - (A) Puducherry
  - (B) Chandigarh
  - (C) Daman and Diu
  - ( Lakshadweep
- 173. Which of the following industries is called the basic industry?
  - ( Iron and Steel
  - (B) Electronics
  - (C) Petro-chemical
  - (D) Engineering
- 174. Which one of the following is an oxide of aluminium?
  - (A) Copper
  - (B) Zinc
  - Bauxite
  - (D) Manganese
- 175. Which soil covers the maximum area of Tripura?
  - (A) Alfisol
  - (B) Inceptisol
    - (C) Histosol
    - (D) Entisol

- 176. The nature of soils of Tripura is mainly
  - (A) basic
  - (B) neutral
  - (C) acidic
  - (D) None of these
- 177. Which forests of Tripura are covered by tall grasses?
  - (A) East Himalayan Lower Bhabar Sal
  - (B) Cachar Tropical Evergreen Forests
    - (C) Moist Mixed Deciduous Forests
    - (D) Low Alluvial Savannah Woodland
- 178. More than 20% of mammals found in Tripura are endangered because of
  - (A) loss and fragmentation of habitat
  - (B) invasion by exotic
  - (C) over exploitation of resources
  - (A) All of the above
- 179. Which river of Tripura carries the highest annual flow?
  - (A) The river Manu
  - The river Gumti
  - (C) The river Khowai
  - (D) The river Dhalai

- 180. Who supplies CNG to the transport sector of Tripura?
  - (A) ONGC
  - TNGCL
  - (C) TSECL
  - (D) NEEPCO
- 181. Running water is the source of
  - hydel power
    - (B) thermal power
    - (C) nuclear power
    - (D) None of the above
- 182. In which year was the Poona Pact signed between Gandhi and Ambedkar?
  - (A) 1930
  - (B) 1931
  - Gardhi Before India Romachandra Gwha 1932
    - (D) 1933
- 183. In which year was the 'Complete Independence Resolution' passed by the Indian National Congress?
  - (A) 1927
  - 1928
  - (e) 1929
  - (D) 1930



- 184. Who was the Prime Minister of England when India got independence?
  - Clement Attlee
  - (B) Ramsay Macdonald
  - (C) Churchill
  - (D) None of the above
- 185. The Forward Bloc was founded by
  - (A) Jawaharlal Nehru
  - Subhash Chandra Bose
  - (C) Sardar Bhagat Singh
  - (D) Chandra Shekhar Azad
- 186. Which Governor General annulled the partition of Bengal in 1911?
  - (A) Lord Hardinge
  - (B) Lord Amherst
  - (C) Lord Linlithgow
  - Lord Curzon
- 187. The book "Bhawani Mandir" was written by
  - (A) Barindra Kumar Ghosh
  - ( Aurobindo Ghosh
  - (C) Yash Pal
  - (D) Lokmanya Bal Gangadhar Tilak

- 188. Bal Gangadhar Tilak was called "Father of Indian Unrest" by
  - (A) Louis Fishcer
  - (B) William Wedderburn
  - (C) Yash Pal
  - (D) Valentine Chirol
- 189. Who among the following is called 'The Liberator of Newspapers' of India?
  - (A) Charles Metcalfe
  - (B) Lord Mayo
  - (C) Lord Ripon
  - (D) William Bentinck
- 190. Arrange the following Governors General in chronological order. Give your answer with the help of code given below:
  - (a) Sir John Lawrence
  - (b) Lord Northbrook
  - (c) Lord Mayo
  - (d) Lord Lytton

Code:

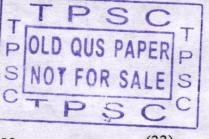
- (A) (a), (c), (b), (d)
  - (B) (a), (b), (c), (d)
  - (C) (d), (a), (b), (c)
  - (D) (c), (b), (a), (d)

- 191. Indian National Congress had appointed a Committee to investigate into the Jallianwala Bagh Massacre.

  The Chairman of this Committee was
  - (A) Motilal Nehru
  - (B) Madan Mohan Malviya
  - (C) C. R. Das
  - (D) Mahatma Gandhi
- 192. Who was the first woman President of the Indian National Congress?

[ know this

- ( Sarojini Naidu
- (B) Annie Besant
  - (C) Vijaylakshmi Pandit
  - (D) Nellie Sengupta
- 193. Who was the President of the Indian National Congress when India got independence ?
  - J. B. Kripalani
  - (B) Purushottam Das Tandon
  - (C) Pattabhi Sitaramayya
  - (D) Dr. Rajendra Prasad
- 194. Who introduced the Railways system in India?
  - (A) Lord Dalhousie
    - (B) Lord Ripon
    - (C) Lord Lytton
    - (D) Lord Canning



- 195. In which of its sessions did the Muslim League put forth for the first time its demand of Pakistan?
  - ( Lahore
  - (B) Karachi
  - (C) Sindh
  - (D) Aligarh
- 196. Gandhiji started his Dandi March on
  - 12th March, 1930
    - (B) 10th March, 1930
    - (C) 5th March, 1930
    - (D) 6th April, 1930
- 197. Who among the following was hanged for his involvement in the "Chittagong Armoury Raid"?
  - ( Surya Sen
    - (B) Ashfaqullah Khan
    - (C) Sachindra Nath Sanyal
    - (D) Ram Prasad Bismil
- 198. During which Movement did Mahatma Gandhi give the slogan of 'Do or Die'?
  - (A) Champaran Satyagraha
  - (B) Non-Cooperation Movement
  - (C) Civil Disobedience Movement
  - Quit India Movement

- in the first session of the Indian National Congress held in 1885?
  - (A) 60
  - (B) 68
  - (2) 72
    - (D) 80

- 200. Who among the following participited with Gandhiji in his Chamaparan Campaign?
  - (A) Rajendra Prasad
    - (B) Vallabhbhai Patel
    - (C) Jawaharlal Nehru
    - (D) Pattabhi Sitaramaiya.

Total questions = 200 MCQs

Correct answers = 
$$135 \times 1$$

Wrong answers =  $41 \times (-1)$ 

Not Attempted =  $24 \times 0$ 
 $135 - 41 + 0$ 

=  $135 - 10.25$ 

=  $124.75$ 

\* &36, 106, 123, 138 and 164 were bonus questions. So +5 is included here.

-> Series C

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Thank!

It is for information of all concerned that the lowest qualifying marks in the Preliminary Examination for appearing in the Main Examination of TCS & TPS, Grade-II 2019-20 are as follows:-

Sl. No.	Name of the Examination	Category	Marks
1	Preliminary Examination of TCS & TPS, Gr-II 2019-20	UR	111.25
2		sc	97.75
3		ST	85.5
4		PH	64.75

Summary of Preliminary Examination for recruitment to TCS Grade-II and TPS Grade-II-2022-23 vide Advertisement No. 05/2022.

SI No	Category	Highest mark (Out of 200)	Lowest marks to qualify for Main Examination (Out of 200)
1	UR	146.25	107
2	SC	139	96.75
3	ST	117.75	90.50
4	PH(Loco)	107.75	70.75
5	PH (HI)	101.25	15