

1.1.2: The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Some Question Papers of Internal Assessment 2020-2021

Netaji Nagar Day College

Internal Assessment, 2021

B.Sc. (Botany Honours) Semester III

CC – 6 (Reproductive Biology of Angiosperms)

Total Marks: 10

Duration: 30 Mins

Answer any 10 questions of the following :

1 X 10=10

1. What is the basic difference between umbel & corymb ?
2. What is the morphological nature of spathe ?
3. Name the characteristic inflorescence of the family Euphorbiaceae.
4. Define diadelphly.
5. What is replum ?
6. What is the edible part of hesperidium?
7. Give an example of nucellar endosperm.
8. Give an example of quincuncial aestivation.
9. What is aril ?
10. What is cleavage polyembryony ?
11. What is the difference between endosperm nucleus of angiosperm and gymnosperm ?
12. Give an example of monosporic embriosac.

Netaji Nagar Day College
Internal Assessment 2021
Semester IV
Sub: Taxation I (CC 4.1 Ch) & (CC 4.1 Cg)

From the following particulars calculate the Income under the head 'Salary' of Ms A, for the assessment year 2021-22.

- Basic salary received in March 2021 is Rs 9,500 (an increment of Rs 500 falls due on each July).
- Dearness allowance is Rs 2,000 per month.
- House rent allowance (HRA) received is Rs 1,000 per month (she stays in her own house).
- She encashed leave worth Rs 25,000 during the year.
- Professional tax paid during the year Rs 1,440.

Show the calculation and mark the correct options provided below:

5 x 2 = 10

1. For being taxed under the head 'Salary', there should be
 - a) Some service rendered against consideration
 - b) Employer-employee relationship
 - c) None of the above
 - d) Both of the above
2. Basic salary earned during the year
 - a) Rs 1,12,500
 - b) Rs 1,14,000
 - c) Rs 1,08,000
 - d) Rs 1,00,000
3. Taxable HRA
 - a) Rs 10,000
 - b) Rs 12,000
 - c) Rs 9,000
 - d) Nil

NETAJI NAGAR DAY COLLEGE

Internal Examination

2021

English Honours

Semester – I

Time : 10 A.M. – 11:00 A.M.

Date : 05/03/2021

Email ID for online submission: sem1@gmail.com

The figures in the right-hand margin indicate marks, Candidates are required to give their answers in their own words as far as practicable, and all answers must compulsorily be handwritten. Answer scripts with illegible handwriting or submitted as unclear attachments will not be evaluated

Paper-CC1

Answer any two questions:

(5 x 2) = 10

1. Briefly describe the three heroic exploits of Beowulf.
2. Write short note on one of the University Wits.
3. Write a short note the poetry of Dylan Thomas.
4. What is Pre-Raphaelite School of poetry? When was PRB formed, and who were it's members?

Paper-CC2

Answer any two questions:

(5 x 2) = 10

1. Write a short note on the character and function of Nestor in the first two books of Homer's Iliad.
2. "Tiresis helps Oedipus attain wisdom" Do you agree?
3. Discuss Pentheus' speech to the Theban against worshipping Bacchus?
4. Discuss the character of Megadorous.

NETAJI NAGAR DAY COLLEGE
Internal Examination, 2021
B.A./ B.Sc /B.Com Honours and General
Semester – I
Subject- AECC1 (English)

Time : 2:30 P.M. – 3:00 P.M.

Date : 07/03/2021

**Email ID for online submission: doenndcaecc@gmail.com

Students will have to take the print-out of the AECC1 question paper, put tick marks beside the correct choice, and upload the question paper. Those who will not be able to take a print-out of the question paper may write the question no. and put the right choice beside it on plain paper and upload it.

Stream :HONOURS/GEN:.....

Name:Mobile Number:.....

CU Registration Number:.....Class Roll Number:.....

CU Roll Number:

Answer all questions

(2×5) =10

1. Correct the sentence: I told to him that he was wrong.

- a. I tell to him that he was wrong.
- b. I tell to him that he was right.
- c. I told him that he was wrong.
- d. I tell to him that he is wrong.

2. Correct the sentence: How dare you to come late?

- a. How dare you come late?
- b. How to dare you come late?
- c. How dare come late?
- d. How dare to you to come late?

3. Provide the correct preposition: He is a businessman dealing ___ rice.

- a. with
- b. in
- c. of
- d. by

4. Change into affirmative sentence: We did not find the film to be bad.

- a. We found the film to be bad.
- b. We found the film to be worst.
- c. We didn't find the film to be good.
- d. We found the film to be good.

5. Identify the type of sentence: Meat is the most nourishing food.

- a. Compound sentence.
- b. Complex sentence.
- c. Simple sentence.
- d. Simple-compound sentence.

Time: 30 mins

Netaji Nagar Day College
B.Sc General Internal assessment (2020-2021)
3RD Semester
Subject: Chemistry
Paper: CC3/GE3
Full marks: 10

Answer any ten questions:

1. The hybridization of P in PCl_5 is
a) sp^3 b) sp^3d c) sp^2 d) sp^3d^2
2. The formula of white phosphorous is
a) P_4 b) P_8 c) P_5 d) none of these.
3. The bond order of O_2 molecule is
a) +1 b) +2 c) 0 d) none of these.
4. Example of transition element
a) Ti b) S. c) O d) C
5. Cause of formation of colour compound by transition element
a) d-d transition b) p-p transition c) s-s transition d) none of these
6. Oxidation state of La is
a) +3 b) +5 c) +7 d) +8
7. The catalyst used in Friedel-Crafts reaction is
a) Anhydrous AlCl_3
b) Anhydrous ZnCl_2
c) Anhydrous FeCl_3
d) Any one of the above-mentioned catalysts
8. In Reformatsky reaction the organometallic compound contains
a) Mg b) Li c) Cu d) Zn
9. Aryl halides may be prepared by
a) Reformatsky reaction b) Friedel-Crafts reaction
c) Sandmeyer reaction d) Phenol as reactant
- 10) Unit of conductivity is
a) $\text{ohm}^{-1} \text{cm}^{-1}$ b) $\text{ohm} \text{cm}^{-1}$ c) $\text{mho}^{-1} \text{cm}^{-1}$ d) $\text{ohm}^{-1} \text{cm}$
- 11) The standard Reduction potential of three metals X, Y and Z are -1.2, 0.5 and 3.0 respectively. The order of reducing nature is
a) $\text{X} > \text{Y} > \text{Z}$ b) $\text{Y} > \text{Z} > \text{X}$ c) $\text{Y} > \text{X} > \text{Z}$ d) $\text{Z} > \text{X} > \text{Y}$
- 12) At 25°C the value of standard reduction potential of calomel electrode is
a) 0.2415 V b) 0.1 V c) 0.00 V d) 1.10 V

NETAJI NAGAR DAY COLLEGE

B.A. SEMESTER-I (GENERAL), INTERNAL EXAMINATION 2021

SUBJECT-POLITICAL SCIENCE ;

PAPER- CC/GE-1

TIME- 30 MINUTES.

FULL MARKS- 10

নিম্নলিখিত প্রশ্নগুলির উত্তর দাও।

10 X 1

1. "The Politics" গ্রন্থটির রচয়িতা কে ?
2. "Two Treaties of Civil Government" গ্রন্থটি কে লেখেন ?
3. "Social Contract" গ্রন্থটি কে লিখেছিলেন ?
4. আদর্শবাদী দৃষ্টিভঙ্গি এর যেকোনো দুটি বৈশিষ্ট্য উল্লেখ করো।
5. দুজন আচরণবাদী তত্ত্বিকের নাম লেখ।
6. আইনের যেকোনো দুটি উৎস উল্লেখ করো।
7. "আজ পর্যন্ত যত সমাজ দেখা গিয়েছে তাদের সকলের ইতিহাস হল শ্রেণী সংগ্রামের ইতিহাস"---- উক্তিটি কার ?
8. "কমিউনিস্ট ম্যানিফেস্টো" কোন বছর প্রকাশিত হয় ?
9. "উপপাদ" কি ?
10. মার্কসীয় তত্ত্বে 'পুঁজিবাদের' পরবর্তী পর্যায় কি ?

English Version

Answer the following questions.

10 X 1

1. Who wrote 'The Politics'?
2. Who wrote 'Two Treaties of Civil Government'?
3. Who wrote 'Social Contract' ?
4. Mention two features of the 'Normative Approach'.
5. Mention two proponents of the 'Behavioural Approach'.
6. Mention any two sources of law.
7. 'The history of all hitherto existing society is the history of class struggle'---- who said so?
8. In which year 'Communist Manifesto' published?
9. What is 'Output'?
10. What is the stage after capitalism in the Marxian theory?

Answer script will be submitted to the E-Mail;- pol.sc.p.m2021@gmail.com

Netaji Nagar Day College
Department of **Electronics**
Subject: Electronics [General]
Paper : CC 3-3/GE 3-3 TH
Internal Assessment.

Time: 1 hr.

F.M. – 20

Q1. Answer any ten questions:

2×10= 20

- a) Draw the Amplitude Modulation waveforms with modulation index $(m)=1$, $m<1$, $m>1$.
- b) Compare AM with DSB-SC and SSB-SC.
- c) Define the term modulation index for AM and FM.
- d) Derive the formula for instantaneous value of FM voltage.
- e) Explain single polarity and double polarity PAM.
- f) In an amplitude modulation system, the carrier frequency is $f_c = 100$ kHz. If the maximum frequency of the signal is 5 kHz, determine the lower and upper side bands and the bandwidth of AM signal.
- g) What are the difference between BPSK and QPSK?
- h) What is cluster of a mobile communication?
- i) What are the advantages of frequency reuse of a mobile communication?
- j) What is Amplitude Shift Keying (ASK)?
- k) What are the difference between TDMA and FDMA technology
- l) What are the advantages of Geostationary Satellites?

Netaji Nagar Day College.
B.Sc. Semester VI Zoology (Gen.) Internal Examination, 2021.
Paper: ZOOG-DSE-B-6-2-TH
Ecology and Wild life Biology

Time: 30 mins. Full marks: 10

Answer any ten questions from the following. 1X10=10

1. Detritus food chain in comparison to grazing food chain is
 - a. Generally longer
 - b. Generally equal
 - c. Generally shorter
 - d. None of these
- 1 ডেট্রিটাস খাদ্য শৃঙ্খল, গ্রেজিং খাদ্য শৃঙ্খলের তুলনায়
 - a সাধারণত দীর্ঘ।
 - b সাধারণত সম দীর্ঘ।
 - c সাধারণত ক্ষুদ্রতর।
 - d কোনটি সঠিক নয়।
- 2.Trophic levels in a food chain are formed by
 - a.Producers
 - b.Consumers
 - c. Decomposers
 - d. All the above
2. একটি খাদ্য শৃঙ্খলের ট্রফিক লেভেল গঠিত হয়
 - a উৎপাদক দ্বারা
 - b খাদক দ্বারা
 - c বিয়োজক দ্বারা
 - d উপরের সব কটি দ্বারা।
- 3.Food web is constituted by
 - a.Various interlinked food chains in a community
 - b.Relationship between animals and plants
 - c.Relationship between organisms and their environment
 - d.Relationship between animals, plants and microbes
3. খাদ্য জাল গঠিত হয়
 - a একটি বাস্তুতন্ত্রে পরস্পর সম্পর্কিত খাদ্য শৃঙ্খল দ্বারা।
 - b উদ্ভিদ ও প্রাণীর পারস্পরিক সম্পর্ক দ্বারা
 - c জীব ও পরিবেশের মধ্যে সম্পর্ক দ্বারা

Assignments and Class Tests

Netaji Nagar Day College

Department of Electronics

Class Test of 1st Semester, 2021.

Time: 40 minutes

Full Marks: 20

Answer any two:

10×2 = 20

1.

- a) What is extrinsic semiconductor?
- b) What do you mean by conductivity and mobility of a semiconductor?
- c) What is called transition region in a p - n junction diode?
- d) What is the effect of temp on V - I characteristics of a p - n diode?
- e) Draw the energy band diagram of an n - type extrinsic semiconductor.

2.

- a) Explain the difference between metal, semiconductor and insulator using energy band diagram.
- b) Write down the Shockley's equation for a p -n junction diode. Draw the energy band diagrams of a p-type and n-type semiconductor.

[4+(2+2+2) = 10]

3.

- a) What do you mean by rectification? Draw the circuit diagram of a full wave rectifier and explain the operation the circuit.
- b) What is the PIV of a rectifier circuit?

[(2+2+4)+2 = 10]

Assignment

Math Hons (Sem 2)

Real Analysis

Answer these questions:

1. Give an example of an unbounded sequence with two subsequences one of which is convergent and other is divergent.
2. Give examples of two non-convergent sequences $\{x_n\}$ and $\{y_n\}$ such that the sequence $\{x_n y_n\}$ is convergent.
3. State the Archimedean Property of \mathbb{R} and prove it.
4. If $\lim_{n \rightarrow \infty} (b_n - a_n) = 0$, find $\lim_{n \rightarrow \infty} \frac{a_n}{b_n}$ where $b_n > 1$ for all n .
5. Justify the statement: "Every interior point of a subset of \mathbb{R} is its limit point".
6. Prove that a Cauchy sequence is bounded. Is the converse true? Justify your answer.
7. Prove or disprove: $\lim_{x \rightarrow 0} \frac{1}{e^{1/x} + 1}$ exists.

3rd Sem Hons
Botany Hons

Customise

Class code
n5256qq

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View all

B. Pradhan
22 Jul

These are some of the questions on bryophytes. You all also try to solve questions from book, old question papers etc.

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Add class comment...

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Refer hanks also

6th Sem Hons
Botany Hons

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21 Jul

Reference notes for Research Methodology paper (2, 4, 6 topic number)

Hazardous signs.pdf PDF	MICROTOMY Microtomy.pdf PDF
Model organisms.pdf PDF	Smear preparation techni... PDF

NETAJI NAGAR DAY COLLEGE

B.COM. SEMESTER V 2020

SUB: TAXATION II

Assignments by Dr Satabdee Banerjee

Due date for submission: 15.07.2021

Assignment 1: The following are the particulars of income of Mr. A, who lives at Kanpur:

- a) Salary @ Rs 10,000 p.m.
- b) Dearness allowance @ 40% of salary
- c) City compensatory allowance @ Rs 1,000 p.m.
- d) Compensation received for termination of employment under the Industrial Disputes Act from previous employer Rs 35,000.
- e) House rent allowance received 4,000 p.m. and he pays rent of Rs 4,800 p.m.
- f) He is contributing Rs 1,400 p.m. towards a recognized provident fund. The employer is also contributing the same amount.
- g) During the year he paid Rs 1,200 as professional tax.
- h) He owns a car which he is using for official purposes. His employer reimburses him Rs 2,000 p.m.

Compute the total income of Mr. A for the assessment year 2021-22.

Assignment 2: Ms. S is appointed in XYZ Pvt. Ltd. in Kolkata on 1.1.2005 on a scale of Rs 4,500 - 100 - 5,300 - 150 - 6,500. From the following particulars compute his income from salary for the previous year 2020-2021:

- a) Basic salary - as per scale
- b) DA - 100% of first Rs 1,000 of pay plus 50% of the balance
- c) Entertainment allowance @ Rs 700 p.m.; expenses incurred Rs 4,000
- d) Medical allowance @ Rs 400 p.m.; expenses incurred for medical treatment of his wife Rs 3,500.
- e) Bonus Rs 12,500 paid as per contract and Rs 11,500 paid as gratuitous.
- f) He is provided with an accommodation in Kolkata for which the employer pays rent of Rs 2,500 p.m. A gardener is also provided by the employer at monthly remuneration of Rs 450.
- g) He is allowed to use a car (800 cc) free of cost both for official and private purposes.
- h) Electricity expenses of Rs 2,500 and education expenses of Rs 1,500 for the education of his children are reimbursed by the employer.
- i) The following deductions are made by the employer from his monthly salary:
 - a. Interest-free loan Rs 300 (the employer, however, pays interest of Rs 1,500 to a banker for the same during the year);
 - b. Professional tax Rs 110;
 - c. Income tax Rs 400;

Inbox (1,743) - smitra x Class Test 2 Thermody x Question on Carnot C x Inbox (14) - smitra@s x My Drive - Google Dr x 2021 Science Master T x +

classroom.google.com/u/0/c/NTU5NzAwMjk3NDVa/a/MjMzNDc1MzY5MjYz/submissions/by-status/and-sort-name/all

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Sort by status

Turned in

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Rajshekhhar Chanda 100

Abhik Das

Aditya Roy

Souvik Dey

Class Test 2 Thermodynamics (Carnot Cycle)

1 Turned in 4 Assigned

Question on Carnot Cycle
Google Forms

All

Rajshekhhar Chanda Turned in

Abhik Das Assigned

Aditya Roy Assigned

Souvik Dey Assigned

Susom Chatterjee Assigned

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ENG INTEL 22:53 18-12-2021

Email Id's for sending Question Papers and receiving answer scripts

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Hons Gen	nndcbengalidpt@gmail.com nndcbengalidpt@gmail.com	Hons Gen	economicshg2021@gmail.com economicshg2021@gmail.com
ENGLISH		CHEMISTRY	
Gen	doenndc@gmail.com	Hons Gen	nndcchemistry@gmail.com nndcchemistry@gmail.com
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