AMRITSAR
GROUP OF COLLEGES
ENGINEERING | PHARMACY | LAW

20 Glorious Years of EXCELLENCE

PROCESS FOR AGC NEST

SESSION 2024

12- KM Stone, Amritsar-Jalandhar G. T. Road, Amritsar-143001, PB (India)

What is AGC NEST 2024?

For studying at AGC, a centralized test was propelled in the earlier year, i.e. 2018. AGC, in the earlier year, led ACET-EE (Entrance Exam) in which 2300+ enlistments were seen. Now, a similar test is propelled with the name of **AGC NEST**.

The test will make a student eligible to get admission in a Best Engineering College in India, Top Pharmacy College in Punjab and Law College in Amritsar.

Process of AGC NEST 2024

1. At AGC, the admission to the following courses (for the session 2024) is based on AGC NEST (National Entrance Scholarship Exam) offering the scholarship up to Rs. 1.5 Lac. These courses are:

- B. Tech (ME/CE/EE/CSE/Computer Engineering)
- Bachelor of Business Administration (BBA)
- Bachelor of Computer Applications (BCA)
- Bachelor of Hotel Management & Catering Technology (B. HMCT)
- B. Sc. Fashion Design
- Bachelor of Commerce (B. Com) (Honors)
- B. Pharmacy
- B.Sc. Nutrition & Dietetics
- Bachelor Of Tourism and Travel Management

2. Admission to B.Voc Courses i.e. B. Voc. (Hospitality & Catering Management/ Automobile Servicing/ Software Development/ Fashion Design & Garment Technology) and D.Pharmacy is based on the marks obtained in higher secondary i.e. 12th class. There will be "No Entrance Exam" for these courses but a candidate has to register online.

3. For M. Tech (CSE/CE), MBA, and MCA admission is based on the marks obtained in the graduation degree. No Entrance Exam is required but a candidate has to register online.

4. To Take admission in B. Tech-LEET/ B. Pharmacy-LEET/ BCA- LEET/BBA-LEET/ LLB/ BA LLB/ M.Tech (CSE/ CE)/ MBA/ MCA, the marks obtained in previously completed Diploma or the previous examination will be considered.No Entrance Exam is required but a candidate has to register online.

You can evaluate your marks as per given table:

Sr. No.	Percentage in Previous Examination	Scholarship/Concession
1	65% - 70%	25000/-
2	70% - 80%	40000/-
3	80% - 90%	50000/-
4	Above 90%	1.5 Lakh/-

Result

The result of AGC NEST 2024 will be appeared on the screen as and when you complete your test. The result details will incorporate the number of questions you have correctly and incorrectly answered; the marks you have obtained and the scholarship that is awarded to you.

Registration Fee

The registration fee for AGC NEST 2024 is Rs. 500/-. This covers the test eligibility till 30th June 2024.

From 1st July 2024, again a fee of Rs.500 is to be paid if the student does not appear for the test till 30th June, 2024 gaining validity till the end of the month. The same condition is applied till the end of the admissions 2024.

SCHOLARSHIP CRITERIA FOR SC STUDENTS

Course	Course Duration	Security Fee	Govt. Payment Duration	Paid fee by Student	Security fee Refund Status
B.Tech	4 years	40000/-	3 years	1 year (Two semesters)	Refundable as well as adjusted in last semester
B.Pharmacy	4 years	41475/-	3 years	1 year (Two semesters)	Refundable as well as adjusted in last semester

- *Note: The above shared criteria is only for the students who have the annual family of less than 2.5 lacs.
- No relaxation of fee is there in admission for D.Pharmacy.
- AGC-Nest Registration Mandatory

Course	Course Duration	Security Fee	Govt. Payment Duration	Paid fee by Student	Security fee Refund Status
UG Courses	3 years	25000/-	3 years	Nil	Refundable
MBA/ MCA	3 years	40000/-	3 years	Nil	Refundable

Provisional Admission Letter

All the candidates will get confirmation of their admission through a **Provisional Admission Letter** which will be sent to each of the applicants through an E-mail for downloading. This letter can be taken as an authentic correspondence for the confirmation of admission.

The letter will include the information about scholarship details, fee details, online payment of course fee, uploading of documents, hostel allotment (if opted for) and date & time for the beginning of the academic session.

Fee Details

For *Non-AICTE Courses*

In order to secure admission in any of the below mentioned courses, you must deposit an advance fee of minimum **Rupees Ten Thousand only (INR 10,000/-) (Rest to be paid later); the full academic fee of first semester (if the student is unable to pay the full fee of first semester, he/she can pay in 2 installments); AGC NEST Registration Fee (Rs. 500/-) and Examination Fee of Rs. 1000/- per semester** online or offline *(Bank Details will be sent on your registered mobile number)*, within a week after appearing/registering for AGC NEST 2022. Non-payment of the advance fee within the stipulated time period would automatically result in cancellation of this admission offer to you. After depositing the advance payment, the remaining fee will have to be paid till _____

Non-AICTE Courses
Bachelor of Business Administration (BBA)
B.Com (Hons.)
Bachelor in Computer Applications (BCA)
Bachelor in Computer Applications (BCA)-LEET
Bachelor of Hotel Management & Catering Technology (BHMCT)
B.Sc.(Medical Lab Sciences)-LEET
B.Sc.(Fashion Design)
B. Voc (Hospitality & Catering Management)

In order to secure admission in any of the below mentioned courses, you must deposit an advance fee of minimum **Rupees Ten Thousand only (INR 10,000/-) (Rest to be paid later) or the full academic fee of first semester (if the student is unable to pay the fullfee of first semester, he/she can pay in 2 installments** online or offline *(Bank Details will be sent on your registered mobile number)*, within a week after appearing/registering

for AGC NEST 2024. Non- payment of the advance fee within the stipulated time period would automatically result in cancellation of this admission offer to you. After depositingthe advance payment, the remaining fee will have to be paid till_____.

AICTE Courses

B. Tech (Civil Engineering)

B. Tech (Computer Science Engineering)

B. Tech (Electrical Engineering)

B. Tech (Mechanical Engineering)

B. Tech (Civil Engineering) -LEET

B. Tech (Computer Engineering)

B. Tech (Electrical Engineering) -LEET

B. Tech (Mechanical Engineering)- LEET

MBA

MCA

M. Tech. Civil Engineering

M. Tech. Computer Science & Engineering

B. Voc. (Automobile Servicing)

B. Voc. (Software Development)

B. Voc. (Hospitality & Catering Management)

B. Voc. (Fashion Design & Garment Technology)

AICTE Courses

B. Pharmacy

B. Pharmacy-LEET

D. Pharmacy

Syllabus for AGC NEST 2024

Branch	Topics	Level of Examination
B. Tech (All Branches)	Chemistry	12th Level
	Physics	
	Mathematics	
B.Pharmacy/B. Sc. Agriculture	Chemistry	
	Physics	
	Biology/ Mathematics	
BCA/BBA/B. Com/BHMCT/B. Sc. Fashion Design/MBA/MCA/BA LLB/LLB	General Aptitude	10th Level

Examination details:
Examination Mode: Online
MCQ based Examination
language: English Duration:
45 Minutes

Question Type: MCQ (Multiple/Objective Choice Questions)

For Reference

Subject (For B. Tech (All Branches)/ B. Pharmacy	Physics	Chemistry	Mathematics/ Biology	Total Questions
Questions	15	15	15	45

Note: There will be 0.25 negative marking for each wrong answer. No marks will be deducted for unattempted questions.

AGC NEST 2024

Sample Question Papers

Amritsar Groupof Colleges
Manawala, Amritsar

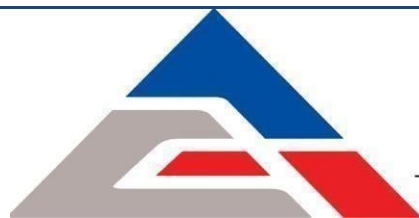| Branch	Topics	Level of Examination
B. Tech (All Branches)	Chemistry	12th Level
	Physics	
	Mathematics	
B. Pharmacy/B. Sc. Medical Lab. Sciences/B. Sc. Agriculture	Chemistry	
	Physics	
	Biology/ Mathematics	
BCA/BCA-LEET/BBA/B. Com (Hons.)/BHMCT/B. Sc. Fashion Design/BA (JMC)/MBA/MCA/BA LLB/LLB	General Aptitude	10th Level

Examination details:
- **Examination Mode:** Online MCQ based
- **Examination language:** English
- **Duration:** 45 Minutes
- **Question Type:** MCQ (Multiple/Objective Choice Questions)

For Reference

Subject (For B.Te ch (All Branches)/ B. Pharmacy	Physics	Chemistry	Mathematics/ Biology	Total Questions
Questions	15	15	15	45

Note: There will be 0.25 negative marking for each wrong answer. No marks will be deducted for unattempt questions.

Chemistry

1. When carbon dioxide is passed through lime water,
   a) calcium hydroxide is formed
   b) white precipitate of CaO is formed
   c) lime water turns milky
   d) color of lime water disappears.

2. Which of the following statements is correct?
   a) A chemical equation tells us about the substances involved in a reaction.
   b) A chemical equation informs us about the symbols and formula of the substances involved in a reaction.
   c) A chemical equation tells us about the atoms or molecules of the reactants and products involved in a reaction
   d) All are correct.

3. $CuO + H_2 \rightarrow H_2O + Cu$, reaction is an example of
   a) redox reaction
   b) synthesis reaction
   c) neutralization
   d) analysis reaction

4. Silver articles become black on prolonged exposure to air. This is due to the formation of
   a) Ag_2O
   b) Ag_2S
   c) AgCN
   d) Ag_2O and Ag_2S

5. Which is not true about the noble gases?
   a) They are non-metallic in nature
   b) They exist in atomic form
   c) They are radioactive in nature
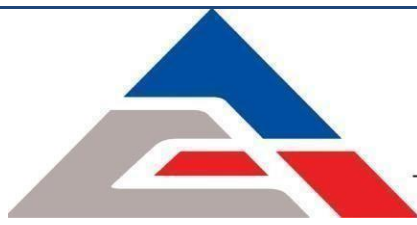   d) Xenon is the most reactive among these

Answer Key:

| 1. c) | 2. d) | 3. a) | 4. b) | 5. c) |

Physics

1. The unit of the force constant is...
   a) Nm
   b) Nm2
   c) Nm-2
   d) Nm-1

2. The highest proportion of gas in the Sun is that of...
   a) Hydrogen
   b) Helium
   c) Carbon dioxide
   d) Carbon monoxide

3. The unit of resistance is...
   a) volt/second
   b) ampere/second
   c) volt.ampere
   d) volt/ampere

4. In an elastic collision
   a) momentum is conserved but not kinetic energy
   b) kinetic energy is conserved but not momentum
   c) both momentum and kinetic energy are conserved
   d) neither momentum nor kinetic energy is conserved

5. One astronomical unit is equal to
   a) 499 light seconds
   b) 149597 km
   c) 3 x 1010 km
   d) 3 x 1010 m

Answer Key:

1. d)	2. a)	3. d)	4. a)	5. a)

Sample Question Paper for AGC NEST 2024

Mathematics

1. In a school, 10% of the boys are same in number as 1/5th of the girls. What is the ratio of boys to girls in that school?

    a) 1:2   b) 3:4   c) 3:2   d) 2:1   e) None of these

2. There are 45 students in a hostel. Due to the admission of 15 new students the expenses of the mess were increased by Rs. 60 per day while the average expenditure per head diminished by Re. 1. What was the original expenditure of the mess?

    a) 675   b) 670   c) 360   d) 480   e) 390

3. The arithmetic mean of the scores of a group of students in a test of mathematics was 48. The brightest 20% of them secured a mean score of 75 and dullest 25% a mean score of 30. The mean score of the remaining 55% is:

    a) 560/11   b) 56   c) 510/11   d) 670/11   e) None of these

4. An amount of Rs. 2430 is divided among P, Q and R such that if their shares be reduced by Rs. 5, Rs. 10 and Rs. 15 respectively the remainders will be in the ratio of 3:4:5. Then Q,,s share was:

    a) 200   b) 800   c) 450   d) 1200   e) 1000

5. There are 35 students in a lecture of physics, in which the difference between the girls and boys is 5. The average of marks got by girls is 5 more than boys and the total marks got by boys are 50 less than girls. What is the average mark of total students?

    a) 160/7   b) 150/9   c) 130/9   d) 190/9 e) 190/7

Answer Key

1. d)	2. c)	3. c)	4. b)	5. e)

Biology

1. Which among the following is a large spectrum Antibiotic?
   a) Paracetamol
   b) Pencillin
   c) Ampicillin
   d) Chlormphenicol

2. The enzyme that is present in the saliva of man is
   a) Pepsin
   b) Renin
   c) Amylase
   d) Trypsin

3. Jonas Salk invented the vaccine for
   a) Polio
   b) Hepatitis
   c) Typhoid
   d) Cholera

4. What is the normal blood sugar level of a human being?
   a) Close to 10 mg/ml
   b) 120 -150 mg/ dl
   c) 80 - 90 mg/ dl
   d) 150-200 mg/dl

5. Full form of the infectious disease SARS is
   b) Syndrome Associated with Respiratory Symptoms
   c) Severe Acute Respiratory Syndrome
   d) Severe Asthmatic Respiratory Syndrome
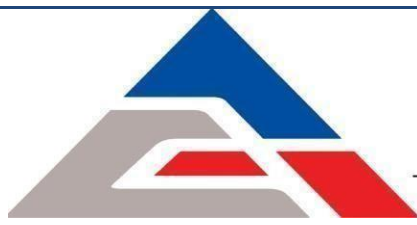   e) Syndrome Alarm on Respiratory System

Answer Key

| 1. c) | 2. c) | 3. a) | 4. b) | 5. b) |

Aptitude

1. An article is bought for Rs.600 and sold for Rs.500, find the loss percent? a) 16 (4/3)%
   b) 100/3%
   c) 16%
   d) 16 (2/3)%

2. Find the compound interest and the amount on Rs.8000 at 5% per annum for 3 years when C.I is reckoned yearly?
   a) Rs.1261
   b) Rs.1440
   c) Rs.1185
   d) Rs.1346

3. Find the one which does not belong to that group?
   a) 8
   b) 27
   c) 64
   d) 125

5. Two cars cover the same distance at the speed of 60 and 64 kmps respectively. Find the distance traveled by them if the slower car takes 1 hour more than the faster car.
   b) 906 km
   c) 960 m
   d) 960 km
   e) 966 km

6. One train is traveling 45 kmph and other is at 10 meters a second. Ratio of the speed of the two trains is?
   a) 5:4
   b) 4:5
   c) 9:2
   d) 2:9

| 1. d) | 2. a) | 3. c) | 4. c) | 5. a) |

Answer Key

All The Best