



JIET COLLEGE OF ENGINEERING

EPOCH

B. Tech, First Year (Department of Applied Sciences)
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JIET

Group of Institutions

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HOD Message

I feel glad to witness another issue of the half yearly e-newsletter EPOCH erstwhile SET ZEAL. It provides a perspective of the department of I year, JIET COE. I extend my heartfelt greetings to the editorial team associated in this endeavour which exhibits their creative and innovative spirits.



Dr. Chetna Gomber
(Dy. Registrar JIETCOE)

Editor's Desk

“Education makes people easy to lead. But difficult to drive, easy to govern but impossible to enslave” .
Once again, we welcome you all to the latest issue of our bi-annual newsletter of our department EPOCH This will cover lots of areas ranging from the message of the Deputy Registrar to the world of sports as well as other academic and co-curricular activities of the department. It's a platform for students as well as for faculty members to exhibit their work and make contribution in the sharing of knowledge.
Technical education is the spunk of every dominion and is the modus operandi for a country to shift into the vocation of a developed nation. The main focal point of the department is to legitimize students with proficiency, prudence, experience and training both at the collegiate level engineering and present cutthroat international display.

And most importantly, I wish everyone a very Happy New Year 2017.

Enjoy Reading!

Ms. Shashi Kala

Faculty Development Programme 2016



The 14 days Faculty Development Programme was conducted from 8th July to 23 July, 2016. Its pinnacle was an online review test for all academicians. Denouement of FDP was with an enlightening session by Er. Navneet Agarwal, Director General, JGI with all the faculty members and other teaching staff which was preceded by sessions with the campus directors of both the colleges Prof. (Dr.) Rajendra Karwa (Campus Director, JIET) and Prof. (Dr.) K. R. Chowdhary (Campus Director, JIET COE) respectively.

FDP at I year level was organized under the supervision of Prof. (Dr.) R.K. Gupta (Dean (Dept. of Applied Sciences (JIET))), Prof. (Dr.) Chetna Gomber (Deputy Registrar (JIETCOE)), Prof. (Dr.) A.M. Khan (Asst. Dean (Ishift (JIET))), Prof. (Dr.) Sandip Mathur (Asst. Dean (II shift (JIET))).

During FDP, a two days workshop on MAT lab was held on 19-20 July, 2016. In this, an expert lecture was delivered by Prof. (Dr.) Akhil Ranjan Garg (Dept. of Electrical Engineering, JNVU, Jodhpur) on "Introduction to the Course & Basics Overview of MAT lab". Laboratory sessions were conducted under the guidance of Prof. Sanjay B. C. Gaur (HOD, ECE Dept, JIET COE). All the faculty members actively participated in the workshop which ended with a vote of thanks to Prof. Sanjay B.C. Gaur who took all the pains to accomplish it successfully.

Department of Chemistry

The Faculty Development Programme – 2016 (I Year B. Tech., Chemistry and Environment Engineering Department) was mainly based on recent advances and trends on various topics in chemistry and environment engineering. The entire programme was highly informative and interactive. In the first three days i.e 9, 10 and 11 July, 2016 lectures on various topics were held where each faculty member delivered a lecture cum presentation with the help of power point. Three such presentations were planned for each day. It started with a highly informative expert lecture that enlightened the members with the "Fundamentals of Computational Chemistry" by the Chief Mentor Prof. (Dr.) Chetna Gomber (Deputy Registrar, JIET COE). Each day started with opening remarks of the Chief Mentor. It was followed by lectures and presentations on the following topics:

1. "Fundamentals of Water Treatment with Emphasis on Heavy Metals"
2. "Recent Trends in the Techniques of Water Treatment."
3. "Synthetic fuel and its Advantages and Disadvantages."
4. "Recent Advances in the Techniques of Water Treatment."
5. "Latest Researches on Corrosion"
6. "Advances in New Engineering Materials and also on Polymers with an Introduction of New Polymers."

After the lectures, the faculty members discussed on the pattern of tutorial sheets and the task was divided amongst the members for the updation of the tutorial sheets.

Dept. of English & Humanities & Social Sciences (HSS)

In department, total 7 demo lectures were delivered by faculty members. Total 7 research papers were presented in different sessions. The all sessions ended with summary & review of lectures & open discussion on cross sheets, tutorial sheets, off syllabus projects. There were a series of expert lectures taken by Dr. Jagruti Upadhayay (Assistant Professor, Sardar Patel University of Police, Security and Criminal Justice, Jodhpur) during the different

sessions arranged by PSD Cell (JGI). The details are as follows:'

1. Reading and solving the Comprehension passages and techniques to solve questions (8th July)
2. Punctuation marks (9th July)
3. Phrases and Clauses (14th July)
4. Business letter writing (15th July)
5. Phrasal Verbs (20th July)

There were two expert lectures in the Dept of HSS by Prof. (Dr.) Punita Soni (Head, Management Studies (JIET)) on “National

Income – Concepts and its Measurement” & “Working Capital Management – Concept and Calculation” and research paper presentation by Dr. Abhishek Soni (Assoc. Prof.(Dept. of Management Studies (JIET)) on July 12, 2016 & July 14, 2016 respectively.

Some new activities were also included to generate students' interests i.e. Parsing, Compounding, Stories behind Idiomatic expression, etc. Each session ended with a discussion and reviews over the lectures, research papers, tutorials & lab activities.

Dept. of Mathematics

All sessions were started by the opening remarks of Prof (Dr.) A. M. Khan. There were total 10 lectures and 7 research papers presentation by faculty members of Mathematics department. It was followed by an open discussion on 'How to improve university results and suggestions for effective teaching'. There were three expert lectures conducted during the different sessions. The details are as follows-

1. Prof. (Dr.) P. K. Banerjee (Emeritus Professor, U.G.C. Fellow, JNVU, Jodhpur) on 'Teaching Methodology'. He covered several topics of engineering Mathematics and referred many books.
2. Prof. (Dr.) A. M. Khan - "Problems regarding Teaching in Classroom". In this lecture. he guided and taught various fundamental problems which the faculty members faced during classroom teaching
3. Prof. (Dr.) Sandeep Mathur-“Optimization Technique & its Applications”

All the faculty members visited Central Library. In addition to the above, the faculty members of the respective departments updated tutorial sheets as per the new pattern with course outcomes.

Dept. of Physics

The aim of the FDP is to improve quality of teaching and to enhance knowledge through systematic orientation in specific subjects, techniques and methodologies so that teachers may fulfill their role and responsibility within the system of higher education.

The sessions began with the opening remarks by Dean Sciences Prof. (Dr.) R.K. Gupta. There were 4 demo lectures, 4 paper presentations and two expert lectures by Prof. (Dr.) R.K. Gupta (Dean Sciences, JIET) and Prof. (Dr.) J.K. Sharma (Dept. of Physics (JNVU, Jodhpur)) in the department. There were 9 lab sessions in which 12 experiments were performed by all faculty members of physics. Besides all these during this FDP all the faculty members of the department updated tutorial sheets as per the new pattern.

There were two expert lectures conducted during the different sessions. The details are as follows:

- Prof. (Dr.) R. K Gupta (Dean Sciences, JIET) delivered an expert lecture on the topic, “Black Hole”. A lot of research across the world is ongoing on this topic to understand the origin of mass and origin of universe.
- Prof. (Dr.) J.K. Sharma (Dept. of Physics (JNVU, Jodhpur)) delivered an expert lecture on “Squeezed light and Applications”. This is the recent area of research involving Computer Science and Engineering, Information Technology and Mathematics as well. He also guided the faculty members for Ph.D.
- Prof. (Dr.) A M Khan discussed the importance of research in teaching and also that we as teacher must have subject knowledge and must be particular about attendance of students.
- Prof. (Dr.) Chetna Gomber (Dy. Registrar (JIETCOE)) interacted with Dept. of physics and discussed various facets of classroom teaching and teaching methodology. Importance of discipline and attendance was also discussed.



Orientation Programme 2016



Campus orientation is a time when the first year students get the opportunity to navigate the campus, learn about social and academic resources/programmes, and receive academic advice.

In order to ease the transition of the freshman students from school to college; JIET Group of Institutions organized a three day Orientation Programme (4th August-6th August 2016) for neophytes of both JIET and JIET College of Engineering (JIETCOE) at Jodhpur Convention Centre (JCC). The first day (4th August 2016) was graced by Dr. S.L. Agarwal (Chairman-JGI), Er. Navneet Agarwal (Director-General (JGI)) who gave welcome address and orientation address respectively. Mr. Rahul Kumar Goel (Divisional Railway Manager (DRM), North Western Railways) and Mr. Sanjeev Kumar Singh (Director – Airports Authority, India) were the special guests on this occasion. They motivated the students and advised them to make the most of the four years of engineering life. The concluding remarks were given by Prof. O. P. Vyas (Dean-Engg, -JIET). The II year students performed a skit highlighting the importance of discipline. Students were given an overview of the discipline policies of JGI by Registrar Prof. (Dr.) Rakesh Kothari. Prof. (Dr.) Hemant Purohit (Head (Dept. of ECE., JIET) gave motivational speech to the students. A welcome speech was given by II Year students, Titiksha Mathur (CSE branch, JIET) and Shreya Dhingra (CSE Branch (JIETCOE)). The second day and the third day (5th August and 6th August 2016) had sessions by the academic leaders of JGI that comprised Campus Directors of both the colleges, Dean (Sciences) and Asst. Deans (Sciences), Heads and Dy. Heads of the various engineering departments. The two hour motivational cum interactive session by Management Guru Prof (Dr.) Gaurav Bissa on the life skills electrified the ambience on the 3rd day of the orientation programme. The programme ended with the interaction of Er. Navneet Agarwal (Director General, JGI) with the new entrants (Batch 2016-2020).

Bridge Course, 2016

The I year department of both the campuses (JIET and JIETCOE) organized a four day Bridge Course (8th August - 11th August 2016) for its students (New batch) to brush up their fundamentals of the various subjects of the I Year course curriculum. The sections were divided into eight groups. The elementary classes of Physics, Mathematics, Electrical, Basics of Computer and Communication Techniques were conducted. The senior faculty members took the classes. This year, expert sessions of the Directors and Deans were also organized. This course was helpful in bridging the gap between the 11th & 12th basics with the syllabus of I year. The feedback of the students was positive.

Parents Interaction Programme 'Milan' – 2016

Parenting is not a cake walk. It's an uphill task, for parents are most concerned about their children's future. Infact, they mirror their future in their wards' future. With an aim to inform about the academic culture of JGI, the institution organized "Milan-2016" (Parents Interaction Programme) on 27th August 2016 in which an interaction of JGI fraternity (Staff, teachers and tutors of First year) with the parents of the students of First Year was arranged at JCC. Er. Navneet Agarwal (Director General – JGI) took over the reins and gave an overview of JGI, its history, accomplishments, vision, mission, core values, academic results and placement scenario to the audience. The academic leaders of JGI were invited by the Director General to throw light upon various aspects of JGI academic fabric i.e. pedagogy methods, tutor system, JIET beyond Syllabus, discipline policies, examination system, attendance criteria, transport system etc. He introduced his administrative as well as academic team to the parents. Er. Navneet Agarwal personally interacted with the parents and thanked them for showing faith in the institution. The parents also interacted with the tutors of I Year batches over the tea.

Freshers' Party – 'Pravah 2016'

Following the tradition of welcoming the new arrivals wholeheartedly Freshers' Party 2016 was organised by the students of II year at JIETCOE on 26th August 2016. The skills and talents of freshers were showcased in various competitions, like – Solo Dance, Solo Singing, Skit, Group Dance, Instrumental Music, etc. The language and IQ test formed the basis for the selection of "Pravah Persona". Rishi Vyas (I Year (EEE branch)) was the winner of 'Pravah Persona', Kritik Singh Shekhawat(I Year (CSE branch)) was I runner up and Meenu Mathur (IYear (CSE branch)) was II runner up. The results of the various competitions are as follows:

Results

Solo Song Competition

- I Pooja
- II Rakshita Rai
- III Yuvraj Singh

Miscellaneous

Priyanshu Soni, Mukesh Vishnoi
Navdeep & Parmeshwar

Solo Dance Competition

- I Priyanshu Soni
- II Sakshi Gadkari
- III Vaibhav Kaushik

Pravah Persona Contest

- I Rishi Vyas
- II Kritik Shekhawat
- III Meenu

Duet Dance Competition

Aishwarya & Renu

Best of the Best

Priyanshu Soni, Mukesh Vishnoi
Navdeep, Parmeshwar



Happy Teacher Day



A hundred years from now,
it will not matter what kind of car I drove,
what kind of house I lived in,
how much money I had in the bank,
but the world may be a better place because
I made a difference in the life of a child

Teachers' Day was celebrated at JIETCOE on a grand level. A one hour programme was organised at JCC on 5th September 2016 by the students of JIET COE for their teachers. Teachers were welcomed in the Indian traditional way by putting tilak on their foreheads. The program consists of fun activities, solo dance performances and singing talents. A G.K. quiz was also conducted for the teachers by the students. Cups were given to the faculty members as token of appreciation and gratitude.

Workshop

A one day workshop on "Electronic Circuit Design" was organized by Dept of Applied Sciences, JIET COE and Dept. of ECE, JIET COE for the students of I Year in two sessions – one theory & other practical. 50 students participated in it. It was beneficial as the students were able to comprehend the fundamental concepts of "Electronic Circuit Design". They were introduced to usage & application of Electronic Components & their testing & measurements through various instruments. They were also given knowledge of PCB designing & soldering & desoldering techniques. All in all it helped them in designing & fabricating the projects of electronics in OPEN HOUSE as well as DST projects.



Open House 2016

With a feeling to nurture the technical knowledge of JIETians, the technical event "Open House 2016" was held on 15-16 September, 2016 in JGI campus. Its only goal was to render an opportunity to the future engineers to showcase their talent through an interactive exhibition. Students prepared working and static models, charts and posters. The projects were judged by a jury of esteem judges and winners were decided.



Category: Model (Live)

S. No.	Names	Code	Title	Position
1.	Shivam Godara [C]	JIETCOE/IYR/PML 11	3d Hologram	I
	Mohit Soni [B]			
	Bhupendra Kumar Meena (A)			
	Shivraj Singh [C]			
2.	Aafreen Khanam [A]	JIETCOE/IYR/CML 05	Solar Water Heater	II
	Dewanshi Rawat [A]			
3.	Kshitij Jain [B]	JIETCOE/IYR/Mem1 01	Perpetual Motion Machine	II
	Mohammad Shoaib Khan [B]			
	Manan Mehta [B]			
4.	Vivek Kumar Singh [C]	JIETCOE/IYR/XML 01	Electric Cooler	III

Category: Model (Static)

S.No.	Names	Code	Title	Position
1.	Atul Parihar [A]	JIETCOE/IYR/MMS 02	Suspension Bridge To Show Application Of Curvature	I
	Deepak Maurya [A]			
	Bheru Singh [A]			
2.	Malvika Saxena [C]	JIETCOE/IYR/CMS 05	Third Allotrope Of Carbon : Fullerene	II
	Sakshi Ojha [C]			
	Twinkle Sharma [C]			
3.	Parihar Chetan [B]	JIETCOE/IYR/PMS 02	V8 Engine	III
	Rishabh Jangid [B]			
	Hemendra Chaudhary [A]			
	Jiya Ram [A]			

Category: Chart & Poster Making Competition

S. No.	Names	Code	Title	Position
1.	Rishabh Sharma [B]	JIETCOE/IYR/PC 06	Free Energy Magnet Motor	I
2.	Reeta Garg [B]	JIETCOE/IYR/EC 02	Attributes Of Positive Personality	II
	Priyanka Suthar [B]			
3.	Yashasvi Vyas [C]	JIETCOE/IYR/CC 03	Smart Window	II
	Veena Sodha [C]			
4.	Mohit Soni [B]	JIETCOE/IYR/MC 01	Mathematical Clock	III
	Mansi Dhariwal [B]			

Expert Lecture (Experts from outside JGI):

Prof (Dr.) Satish K. Harit (Associate Professor, Dept. of English, JNVU Jodhpur) delivered an expert lecture in English on "Report Writing" to the students of (B. Tech, I Year) on November 14, 2016.

Expert Lectures (Experts from within JGI)

- Dr. Rashmi Vyas (Associate Professor, Dept. of English, JIET COE) delivered a series of expert lecture in English on the topic "Conditional Sentences" in sections 'B' & 'C' (B. Tech., I year, I sem) on September 03, 2016. She also delivered an expert lecture in English on the topic "Conditional Sentences" in section 'A' (B. Tech., I year, I sem) on September 06, 2016.
- Dr. Sushamana Sharma (Associate Professor, Dept. of Physics, JIET COE) delivered an expert lecture in Physics on the topic "Anti-Reflection Coating" in section 'B' (B. Tech, I year, I sem) on September 09, 2016.
- Dr. Deepshika Sharma (Associate Professor, Dept. of Chemistry, JIET) delivered an expert lecture in Section B (B. Tech, I Year, I sem) on the topic "Air Calculation" on Oct 7, 2016.
- Dr. Rashmi Vyas (Associate Professor, Dept. of English, JIET COE) delivered an expert lecture in Section C (B. Tech, I Year, I sem) on the topic "The Gandhian Outlook" on Oct 13, 2016.
- Prof. (Dr.) Chetna Gomber (Deputy Registrar and Associate Professor, Dept. of Chemistry, JIET COE) delivered an expert lecture in Section A (B. Tech, I Year, I sem) on the topic "Air Calculation" on Oct. 14, 2016.
- Ms. Swarnlata Pathak (Assistant Professor, Dept. of Physics, JIET COE) delivered an expert lecture in Section C (B. Tech, I Year, I sem) on the topic "Optical Activity" on Oct 14, 2016.
- Prof. (Dr.) Chetna Gomber (Deputy Registrar and Associate Professor, Dept. of Chemistry, JIET COE) delivered an expert lecture in Section C (B. Tech, I Year, I sem) on the topic "Air Calculation" on Oct. 16, 2016.
- Mr. Anil Raghav (Dept. of EEE, JIET COE) delivered an expert lecture in Section B (B. Tech, I Year, I sem) on the topic "Average & RMS Value of Periodic Wave" on Oct 25, 2016.
- Dr. Renu Sharma (Associate Professor, Chemistry, JIET COE) delivered an expert lecture in Physics on "Bonding in Solids" to the students of Section A, (B. Tech, I Year, I sem) on November 05, 2016.
- Dr. Deepshikha Sharma (Associate Professor, Chemistry, JIET) delivered an expert lecture in Physics on "Bonding in Solids" to the students of Section C (B. Tech, I Year, I sem) on November 11, 2016.



RESULT

BATCH (2015-2016)

S.NO.	NAME OF THE STUDENT	BRANCH	MARKS %
1	LALITA	EEE	86.20
2	CHANDNI CHANDANI	CSE	85.90
3	NAVJYOTI	EEE	85.00
4	VARSHA VISHNOI	EEE	83.70
5	RONAK DAVE	ECE	83.60
6	KOMAL SHARMA	CSE	81.30
7	SIMRAN KATARIA	CSE	81.20
8	KUNJU SWAMI	CSE	80.8
9	DEEPANSHI PANDLA	EEE	80.30
10	SHREYA DHINGRA	CSE	80.1



EXAM RESULTS

Faculty Accomplishments:

- A paper titled "On Mixed Trilateral Generating Relation of Lagurre Polynomials" authored by Dr. Kamlesh Bhandari (Associate Professor, Dept. of Mathematics, JIETCOE) has been accepted for publication in South East Asian Journal of Mathematics and Mathematical Sciences (SEAJMMS).
- A paper titled, "A Pilot Survey On Impact Of Entrepreneurship In Accelerating Innovations With Respect To Development Of Scientific Instruments On Education In India" authored by Ms. Anshu Mathur (Assistant Professor, Dept. of Humanities and Social Sciences, JIETCOE) was published in the "International Journal of Engineering Applied Sciences And Technology , 2016" (IJEAST).
- A one day STC on "Preparing Students for Job Interview" through ICT, NITTTR, Chandigarh was organized by Dr. Sushamana Sharma (Associate Professor, Physics, JIET COE) & Dr. Rashmi Vyas (Associate Professor, English, JIET COE) at JIET COE on October 07, 2016.
- A paper titled "Spectral Figures in Shakespeare's 'Hamlet' and 'Macbeth'" co-authored by Dr. Rashmi Vyas (Associate Professor, English, JIET COE) and Ms. Shashi Kala (Lecturer, English, JIET COE) was presented in the XIII Annual International Conference of RASE on "William Shakespeare Through the Ages" which was held on 5-6 November, 2016 at Dr. K. N. Modi University, Niwai, Tonk.
- A paper titled "A Study of Dharamvir Bharati's 'AndhaYug' in the context of Language, Performance and Translation" by Ms. Shashi Kala (Lecturer, English, JIET COE) was published in Proceedings of Journal of Rajasthan Association for Studies in English which was earlier presented in the conference.
- A paper entitled "A review on Harnessing Solar Energy for pollution mitigation" co-authored by Prof. (Dr.) Chetna Gomber (Deputy Registrar and Associate Professor, Dept. of Chemistry, JIET COE) and Dr. Sunita Parihar (Associate Professor, Dept. of Chemistry, JIET COE) was presented in National Conference on "Mankind: Facing Environment Challenges and Tackling Disasters" (MFECTD – 2016) which was held on 3-4 December, 2016 at Jodhpur. This paper received best paper presentation award in the same conference.
- A paper titled "Maximally Nonclassical State from Classical State using Inverse Boson Operators" by Dr. Sushamana Sharma (Associate Professor, Physics, JIET COE) was published in International Journal of Photonics and Optical Technology.
- A paper titled "Thermo Economics Input – Output Analysis Applied to Vapour Absorption Refrigeration System (VARs)" under the guidance of Dr. Sushamana Sharma (Associate Professor, Physics, JIET COE) was accepted for presentation in National Conference on Recent Advances in Environmental Sciences and Engineering Technologies (RAESET - 2016) organized by JIET, Jodhpur on 21-22 November, 2016.



Membership:

- Dr. Rashmi Vyas (Associate Professor, English, JIET COE) has joined the Rajasthan Association for Studies in English as an annual member.
- Ms. Shashi Kala (Lecturer, English, JIET COE) has joined the Rajasthan Association for Studies in English as an annual member.
- Ms. Anshu Mathur (Assistant Professor, Dept. of Humanities and Social Sciences, JIET COE) joined the International Society for Research and Development as a lifetime member.

Students' Accomplishments: (Participation Outside JGI)

- Manan Mehta, (B. Tech, I Year, I sem) participated in Inter College Badminton Tournament organized at RTU, Kota from 19 August to 23 October, 2016.
- 4 students (B. Tech, I Year, I sem) participated in All India Essay Writing Event'16 on August 26, 2016. Its venue was United Nations Information Centre for India & Bhutan.
- 9 students (B. Tech, I Year, I sem) participated in Debate Competition which was organized at Sardar Patel University of Police, Security and Criminal Justice, Jodhpur on September 01, 2016.
- Ten students (B. Tech, I Year, I sem) participated in a workshop on "Virtual Lab" in which IIT Delhi was the Nodal Centre. It was organized on September 6, 2016 at JIET, Jodhpur.
- Rishabh Joshi, Atul Joshi & Abhilash Rajak (B. Tech, I Year, I sem) participated in RTU tournament (Football & Basketball) which was organized at Arya Campus, Jaipur from 12 to 14 September, 2016.
- 6 students (B. Tech, I Year, I sem) participated in "VARCHAS'16" (Badminton & Football) Sports Fest of IIT, Jodhpur from 29 September to 02 October, 2016.
- 2 students (B. Tech, I Year, I sem) participated in Quiz Competition which was organized at Lahoo Memorial College of Science & Technology.

(Participation Within JGI)

- 2 students (B. Tech, I Year, I sem) participated in Essay Competition (Pubic Participation in promoting integrity & eradicating corruption) which was organised by JIET in association with Indian Oil Corporation on November 05, 2016.
- 2 students (B. Tech, I Year, I sem) participated in Panel Discussion on Public Participation in promoting integrity & eradicating corruption which was organised by JIET in association with Indian Railways on November 05, 2016.
- 30 students participated in HTML & Web Designing Course which was organised by JGI under the umbrella of JBS.



Technical Question Bank:

- Ram and Ramesh appeared in an interview for two vacancies in the same department. The probability of Ram's selection is $1/6$ and that of Ramesh is $1/8$. What is the probability that only one of them will be selected?
(A) $47/48$ (B) $1/4$ (C) $13/48$ (D) $35/48$
- Two players, A and B, alternately keep rolling a fair dice. The person to get a six first wins the game. Given that player A starts the game, the probability that A wins the game is
(A) $5/11$ (B) $1/2$ (C) $7/13$ (D) $6/11$
- In a housing society, half of the families have a single child per family, while the remaining half have two children per family. The probability that a child picked at random, has a sibling is
(A) 0.567 (B) 0.667 (C) 0.459 (D) none
- Pick out the nearest correct meaning or synonym of the word given below: RECUPRATE
(A) recapture (B) reclaim (C) recover (D) restore
- Give one word for the following:
'An object kept as a reminder of something'
(A) souvenir (B) sprig (C) snippet (D) stooge
- Does hot water put out a fire faster than cold water?
(A) Yes (B) NO (C) Can't say
- Stars appears to move from east to west because
(A) all stars move from east to west
(B) the earth rotates from west to east
(C) the earth rotates from east to west
(D) the background of the stars moves from west to east
- It is more difficult to walk on a sandy road than on a concrete road because
(A) sand is soft and concrete is hard
(B) the friction between sand and feet is less than that between concrete and feet
(C) the friction between sand and feet is more than that between concrete and feet
(D) the sand is grainy but concrete is smooth
- Water-based liquids can be described as acidic, neutral, or basic, with respect to pH. Which of these describes milk?
(A) Slightly acidic (B) Strong Acid (C) Neutral (D) Slightly Basic
- Which gas is filled in food packages to prevent the food spoiling too quickly?
(A) Oxygen (B) Nitrogen (C) Helium (D) Methane
- Which gas is use to provide smell in LPG cylinder?
(A) H_2S and thiol compound (B) Azocompound (C) Isobutane (D) Ethene

Answers:

- B
- D
- B (0.667 USING bayes theorem)
- C
- A
- A
- B
- B
- A
- B
- A

Questionbank

Work

Team



PATRON

**Prof. (Dr.) K.R. Chowdhary
(Director, JIETCOE)**



CHIEF EDITOR

**Mr. Kapil Dave
(ECE Dept.)**



FACULTY CO-ORDINATOR

**Ms. Shashi Kala
Dept. of English (JIETCOE)**



JAS MEMBER

Er. Preeti Kumari



DESIGN & LAYOUT

**Mr. Anil Chandora
(Admin)**



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Group of Institutions

JIET GROUP OF INSTITUTIONS

Campus : JIET Universe, N.H.- 65
Pali Road, Mogra, Jodhpur -342 802
Ph.: +91 291 2868152/53, 5170917/18
Email.: info@jietjodhpur.ac.in
Web.: www.jietjodhpur.ac.in